

# Temperature Conversion Chart

To use this chart, find your known temperature (°F or °C) in the shaded column. If the known temperature is in °C and you wish to know its value in °F, move to the adjacent right-hand column. If the known temperature is in °F and you wish to know its value in °C, move to the adjacent left-hand column.

KNOWN TEMP °F			KNOWN TEMP °C			KNOWN TEMP °F			KNOWN TEMP °C			KNOWN TEMP °F			KNOWN TEMP °C		
°C	TEMP	°F	°C	TEMP	°F	°C	TEMP	°F	°C	TEMP	°F	°C	TEMP	°F	°C	TEMP	°F
-45.0	<b>-49.0</b>	-56.2	-17.2	<b>1.0</b>	33.8	10.6	<b>51.0</b>	123.8	38.3	<b>101.0</b>	213.8	66.1	<b>151.0</b>	303.8			
-43.9	<b>-47.0</b>	-52.6	-16.1	<b>3.0</b>	37.4	11.7	<b>53.0</b>	127.4	39.4	<b>103.0</b>	217.4	67.2	<b>153.0</b>	307.4			
-42.8	<b>-45.0</b>	-49.0	-15.0	<b>5.0</b>	41.0	12.8	<b>55.0</b>	131.0	40.6	<b>105.0</b>	221.0	68.3	<b>155.0</b>	311.0			
-41.7	<b>-43.0</b>	-45.4	-13.9	<b>7.0</b>	44.6	13.9	<b>57.0</b>	134.6	41.7	<b>107.0</b>	224.6	69.4	<b>157.0</b>	314.6			
-40.6	<b>-41.0</b>	-41.8	-12.8	<b>9.0</b>	48.2	15.0	<b>59.0</b>	138.2	42.8	<b>109.0</b>	228.2	70.6	<b>159.0</b>	318.2			
-39.4	<b>-39.0</b>	-38.2	-11.7	<b>11.0</b>	51.8	16.1	<b>61.0</b>	141.8	43.9	<b>111.0</b>	231.8	71.7	<b>161.0</b>	321.8			
-38.3	<b>-37.0</b>	-34.6	-10.6	<b>13.0</b>	55.4	17.2	<b>63.0</b>	145.4	45.0	<b>113.0</b>	235.4	72.8	<b>163.0</b>	325.4			
-37.2	<b>-35.0</b>	-31.0	-9.4	<b>15.0</b>	59.0	18.3	<b>65.0</b>	149.0	46.1	<b>115.0</b>	239.0	73.9	<b>165.0</b>	329.0			
-36.1	<b>-33.0</b>	-27.4	-8.3	<b>17.0</b>	62.6	19.4	<b>67.0</b>	152.6	47.2	<b>117.0</b>	242.6	75.0	<b>167.0</b>	332.6			
-35.0	<b>-31.0</b>	-23.8	-7.2	<b>19.0</b>	66.2	20.6	<b>69.0</b>	156.2	48.3	<b>119.0</b>	246.2	76.1	<b>169.0</b>	336.2			
-33.9	<b>-29.0</b>	-20.2	-6.1	<b>21.0</b>	69.8	21.7	<b>71.0</b>	159.8	49.4	<b>121.0</b>	249.8	77.2	<b>171.0</b>	339.8			
-32.8	<b>-27.0</b>	-16.6	-5.0	<b>23.0</b>	73.4	22.8	<b>73.0</b>	163.4	50.6	<b>123.0</b>	253.4	78.3	<b>173.0</b>	343.4			
-31.7	<b>-25.0</b>	-13.0	-3.9	<b>25.0</b>	77.0	23.9	<b>75.0</b>	167.0	51.7	<b>125.0</b>	257.0	79.4	<b>175.0</b>	347.0			
-30.6	<b>-23.0</b>	-9.4	-2.8	<b>27.0</b>	80.6	25.0	<b>77.0</b>	170.6	52.8	<b>127.0</b>	260.6	80.6	<b>177.0</b>	350.6			
-29.4	<b>-21.0</b>	-5.8	-1.7	<b>29.0</b>	84.2	26.1	<b>79.0</b>	174.2	53.9	<b>129.0</b>	264.2	81.7	<b>179.0</b>	354.2			
-28.3	<b>-19.0</b>	-2.2	-0.6	<b>31.0</b>	87.8	27.2	<b>81.0</b>	177.8	55.0	<b>131.0</b>	256.8	82.8	<b>181.0</b>	357.8			
-27.2	<b>-17.0</b>	-1.4	0.6	<b>33.0</b>	91.4	28.3	<b>83.0</b>	181.4	56.1	<b>133.0</b>	271.4	83.9	<b>183.0</b>	361.4			
-26.1	<b>-15.0</b>	5.0	1.7	<b>35.0</b>	95.0	29.4	<b>85.0</b>	185.0	57.2	<b>135.0</b>	275.0	85.0	<b>185.0</b>	365.0			
-25.0	<b>-13.0</b>	8.6	2.8	<b>37.0</b>	98.6	30.6	<b>87.0</b>	188.6	58.3	<b>137.0</b>	278.6	86.1	<b>187.0</b>	368.6			
-23.9	<b>-11.0</b>	12.2	3.9	<b>39.0</b>	102.2	31.7	<b>89.0</b>	192.2	59.4	<b>139.0</b>	282.2	87.2	<b>189.0</b>	372.2			
-22.8	<b>-9.0</b>	15.8	5.0	<b>41.0</b>	105.8	32.8	<b>91.0</b>	195.8	60.6	<b>141.0</b>	285.8	88.3	<b>191.0</b>	375.8			
-21.7	<b>-7.0</b>	19.4	6.1	<b>43.0</b>	109.4	33.9	<b>93.0</b>	199.4	61.7	<b>143.0</b>	289.4	89.4	<b>193.0</b>	379.4			
-20.6	<b>-5.0</b>	23.0	7.2	<b>45.0</b>	113.0	35.0	<b>95.0</b>	203.0	62.8	<b>145.0</b>	293.0	90.6	<b>195.0</b>	383.0			
-19.4	<b>-3.0</b>	26.6	8.3	<b>47.0</b>	116.6	36.1	<b>97.0</b>	206.6	63.9	<b>147.0</b>	296.6	91.7	<b>197.0</b>	386.6			
-18.3	<b>-1.0</b>	30.2	9.4	<b>49.0</b>	120.2	37.2	<b>99.0</b>	210.2	65.0	<b>149.0</b>	300.2	92.8	<b>199.0</b>	390.2			

Temperature Conversion Formulas	
°C =	$\frac{5}{9} (°F - 32)$
°F =	$(\frac{9}{5} \times °C) + 32$