

Converting Colors

HunterLab(58.8137, -31.0725,
6.0821)

Have a look what the booklet for
HunterLab(58.8137, -31.0725,
6.0821) contains.

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Color

**HunterLab(58.8108,
-31.1768, 6.1764)**

Conversions

Conversions Part 1

Format	Color
Hex	46B097
RGB	70, 176, 151
RGB Percent	27%, 69%, 59%
CMY	0.7255, 0.3098, 0.4078
CMYK	0.60, 0.00, 0.14, 0.31
HSL	166°, 43%, 48%
HSV	166°, 60%, 69%
XYZ	23.6370, 34.5871, 34.7084
YIQ	141.4560, -55.1510, -30.2470

Conversions

Conversions Part 2

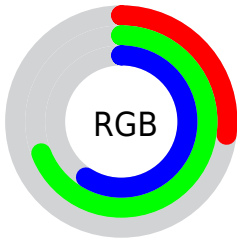
Format	Color
RYB	70, 130, 176
Decimal	4632727
CIELab	65.43, -36.55, 3.77
CIElCh	65, 36.740, 174.113
Yxy	34.5885, 0.2543, 0.3722
Android (android.graphics.Color)	4282822807 (0xFF46B097)
YUV	141.4560, 4.7052, -62.6669
Hunter-Lab	58.8108, -31.1768, 6.1764

Details

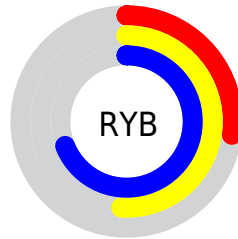
The HunterLab color **58.8108, -31.1768, 6.1764** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37.9968, 37.6144, 7.1764**, and the grayscale version is **51.7907, -2.7634, 2.8139**.

A 20% lighter version of the original color is **81.6763, -36.3310, 7.7655**, and **38.8407, -24.8489, 5.0942** is the 20% darker color. If you saturate the color by 10%, you get **58.2190, -33.7637, 7.2344**, and if you desaturate by 10%, it is **59.5642, -27.9928, 5.2786**.

Distribution



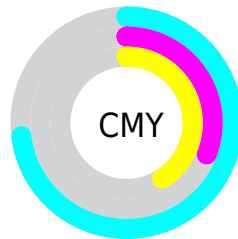
- Red (27%)
- Green (69%)
- Blue (59%)



- Red (27%)
- Yellow (51%)
- Blue (69%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (73%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8108, -31.1768, 6.1764 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 58.8108, -31.1768, 6.1764 by changing the saturation by 10% instead.

■ 58.8108, -31.1768,
6.1764

■ 58.8108, -31.1768,
6.1764

179.6519,
-52.6203, 14.1584

■ 48.3177, -28.4449,
5.4066

■ 81.7605, -36.3268,
7.7894

■ 38.5347, -25.5652,
4.6595

■ 94.1453, -38.7857,
8.6311

■ 29.5189, -22.4876,
3.9345

■ 107.0991,
-41.1867, 9.4961

■ 21.3421, -19.1322,
3.2293

■ 120.5979,
-43.5402, 10.3842

■ 14.1016, -15.4230,
2.5378

■ 134.6206,
-45.8543, 11.2948

■ 7.7511, -13.5645,
2.4370

149.1482,

0.0000, NaN, NaN

-48.1356, 12.2276

0.0000, NaN, NaN

164.1637,
-50.3894, 13.1823

0.0000, NaN, NaN

■ 58.8108, -31.1768,
6.1764

■ 58.8108, -31.1768,
6.1764

■ 58.2190, -33.7637,
7.2344

■ 59.5642, -27.9928,
5.2786

■ 57.7752, -35.7701,
8.4293

■ 60.4824, -24.2119,
4.5551

■ 57.4663, -37.2377,
9.7357

■ 61.5703, -19.8521,
4.0185

■ 57.2597, -38.2833,
11.0730

■ 62.8292, -14.9445,
3.6754

■ 64.2579, -9.5293,
3.5286

■ 65.8536, -3.6534,
3.5767

■ 67.6122, 2.6332,
3.8150

■ 69.5282, 9.2796,
4.2362

■ 71.5953, 16.2367,
4.8310

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8120, -26.4353, 18.1306



58.8108, -31.1768, 6.1764



58.8120, -29.0956, -10.3246

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8120, -31.1773, 6.1771



58.8120, 10.2153, -31.0209



58.8120, 16.3765, 22.5923

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.8108, -31.1768, 6.1764



37.9968, 37.6144, 7.1764

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.8120, 28.2783, 14.1233



58.8108, -31.1768, 6.1764



58.8120, 24.4588, -17.0887

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8120, -31.1773, 6.1771



58.8120, -6.3205, -34.8369



58.8120, 31.3858, 0.0614



58.8120, 0.1071, 25.8028

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8108, -31.1768, 6.1764



58.8120, -23.9896, -21.5559



58.8120, 31.3858, 0.0614



58.8120, 21.0887, 20.3995

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.8120, -31.1773, 6.1771



84.9621, -18.7834, 4.8915



58.3166, -36.2190, 29.4086



39.3105, -9.6724, 2.3192



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8120, -31.1773, 6.1771



78.2018, -46.3703, 10.2127



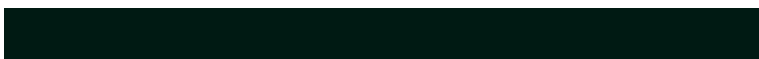
51.0797, -15.3401, -16.4715



30.9784, -4.3400, 1.6958



49.0559, -32.7336, 9.3468



8.7494, -5.5158, 0.9711

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.9968, 37.6144, 7.1764



46.2823, 60.8612, 13.0669



42.5801, 22.9082, 18.5695



29.2182, 1.2594, 1.6530



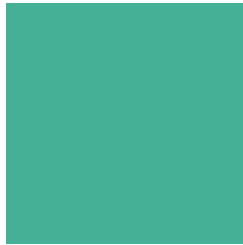
26.2683, 45.4721, 13.1994



4.7567, 8.4232, 0.9258

Previews

White Background



This preview shows how the HunterLab color 58.8108, -31.1768, 6.1764 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.8108, -31.1768, 6.1764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

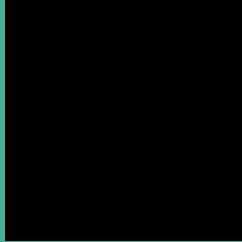
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.8108, -31.1768, 6.1764 Background



This preview shows how black text looks on a background with the HunterLab color 58.8108, -31.1768, 6.1764.



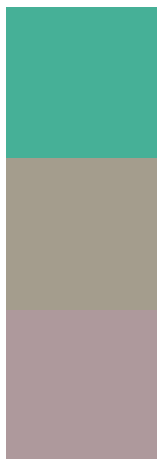
This preview shows how white text looks on a background with the HunterLab color 58.8108, -31.1768, 6.1764.

-31.1768, 6.1764.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.8108, -31.1768, 6.1764

Protanopia

58.2491, -3.3394, 10.1847

Deuteranopia

58.4649, 4.0800, 4.2008



Tritanopia

58.7091, -20.9929, -10.5443

Trichromacy



Original Color

58.8108, -31.1768, 6.1764



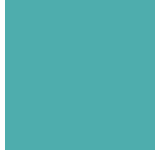
Protanomaly

57.7417, -15.7508, 7.7981



Deuteranomaly

57.4953, -11.4186, 3.7023



Tritanomaly

58.7571, -24.9680, -4.1250

Monochromacy



Original Color

58.8108, -31.1768, 6.1764



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

53.6660, -14.9642, 3.2114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.8108, -31.1768, 6.1764 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(70, 176, 151)` looks like.

```
.text, #text, p{  
  color:rgb(70, 176, 151)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(70, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 176, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 58.8108, -31.1768, 6.1764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 176, 151) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(70, 176, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(70, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(70, 176,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.8108, -31.1768, 6.1764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 176, 151) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(70, 176,  
151) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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