

Converting Colors

HunterLab(58.6374, -29.7604,
-5.8948)

Have a look what the booklet for
HunterLab(58.6374, -29.7604,
-5.8948) contains.

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Color

**HunterLab(58.7440,
-29.9088, -5.7819)**

Conversions

Conversions Part 1

Format	Color
Hex	21B0B0
RGB	33, 176, 176
RGB Percent	13%, 69%, 69%
CMY	0.8705, 0.3098, 0.3098
CMYK	0.81, 0.00, 0.00, 0.31
HSL	180°, 68%, 41%
HSV	180°, 81%, 69%
XYZ	23.9890, 34.5086, 46.4708
YIQ	133.2430, -85.2280, -30.3160

Conversions

Conversions Part 2

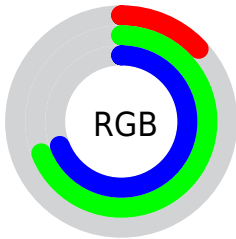
Format	Color
RYB	33, 105, 176
Decimal	2207920
CIELab	65.37, -34.73, -10.30
CIELCh	65, 36.221, 196.516
Yxy	34.5099, 0.2285, 0.3288
Android (android.graphics.Color)	4280398000 (0xFF21B0B0)
YUV	133.2430, 21.0792, -87.9131
Hunter-Lab	58.7440, -29.9088, -5.7819

Details

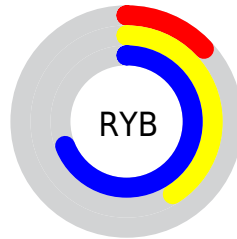
The HunterLab color **58.7440, -29.9088, -5.7819** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32.2936, 46.9818, 18.0780**, and the grayscale version is **48.4722, -2.5864, 2.6336**.

A 20% lighter version of the original color is **81.6488, -34.7005, -5.7337**, and **39.5236, -20.7470, -4.6143** is the 20% darker color. If you saturate the color by 10%, you get **58.5588, -30.6430, -6.0405**, and if you desaturate by 10%, it is **59.0594, -28.6761, -5.3453**.

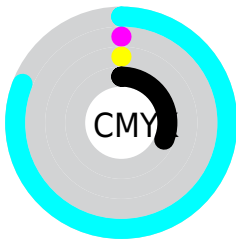
Distribution



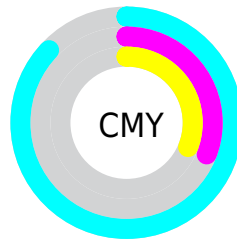
- Red (13%)
- Green (69%)
- Blue (69%)



- Red (13%)
- Yellow (41%)
- Blue (69%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (87%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7440, -29.9088, -5.7819 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 58.7440, -29.9088, -5.7819 by changing the saturation by 10% instead.

■ 58.7440, -29.9088,
-5.7819

■ 58.7440, -29.9088,
-5.7819

179.5549,
-50.5676, -2.7727

■ 48.2551, -27.2920,
-5.8669

■ 81.6858, -34.8510,
-5.4344

■ 38.4766, -24.5384,
-5.8865

■ 94.0671, -37.2155,
-5.1827

■ 29.4657, -21.6003,
-5.8325

■ 107.0175,
-39.5270, -4.8838

■ 21.2945, -18.4024,
-5.6962

■ 120.5130,
-41.7952, -4.5407

■ 14.0600, -14.8416,
-5.4694

■ 134.5325,
-44.0277, -4.1559

■ 7.7069, -13.4871,
-5.5689

149.0570,

0.0000, NaN, -NF

-46.2308, -3.7317

0.0000, NaN, NaN

164.0696,
-48.4094, -3.2700

0.0000, NaN, NaN

■ 58.7440, -29.9088,
-5.7819

■ 58.7440, -29.9088,
-5.7819

■ 58.5588, -30.6430,
-6.0405

■ 59.0594, -28.6761,
-5.3453

■ 58.4691, -30.9978,
-6.1658

■ 59.5172, -26.8935,
-4.7149

■ 60.1298, -24.5320,
-3.8793

■ 60.9052, -21.5807,
-2.8342

■ 61.8485, -18.0455,
-1.5814

■ 62.9621, -13.9460,
-0.1271

■ 64.2462, -9.3129,
1.5184

■ 65.6992, -4.1854,
3.3417

■ 67.3177, 1.3920,
5.3278

Harmonies

Analogous

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



58.7451, -30.2516, 9.6432



58.7440, -29.9088, -5.7819



58.7451, -22.9134, -22.3582

Triad

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



58.7451, -29.9089, -5.7811



58.7451, 20.9887, -20.8216



58.7451, 4.2377, 25.1913

Complementary

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



58.7440, -29.9088, -5.7819



32.2936, 46.9818, 18.0780

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.



58.7451, 19.6587, 20.7678



58.7440, -29.9088, -5.7819



58.7451, 30.0080, -4.0727

Square

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



58.7451, -29.9089, -5.7811



58.7451, 5.9012, -32.5126



58.7451, 29.4966, 10.9505



58.7451, -11.6610, 24.9647

Rectangle

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



58.7440, -29.9088, -5.7819



58.7451, -14.9437, -30.6283



58.7451, 29.4966, 10.9505



58.7451, 9.6814, 24.2633

Sweetspot

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



58.7451, -29.9089, -5.7811



84.2899, -20.6154, -0.8221



56.1479, -45.7807, 32.2762



38.9960, -10.4929, -0.7005



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.



58.7451, -29.9089, -5.7811



78.7687, -41.6334, -8.2641



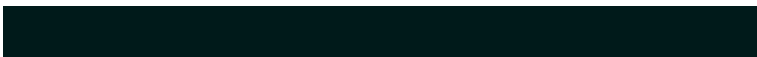
37.3509, 0.1592, -42.1842



31.0348, -4.0263, 0.8918



50.0823, -26.5515, -5.2814



8.8837, -4.7097, -0.9369

Inverse Universe

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



32.2936, 46.9818, 18.0780



41.1156, 69.5142, 26.2670



43.4368, 18.2697, 25.1201



29.1638, 0.9663, 2.4299



26.0237, 44.5663, 16.8158



4.6161, 7.9053, 2.9827

Previews

White Background



This preview shows how the HunterLab color 58.7440, -29.9088, -5.7819 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 58.7440, -29.9088, -5.7819 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

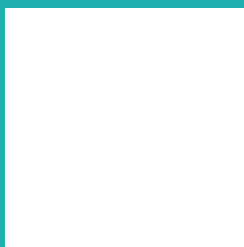
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.7440, -29.9088, -5.7819 Background



This preview shows how black text looks on a background with the HunterLab color 58.7440, -29.9088, -5.7819.



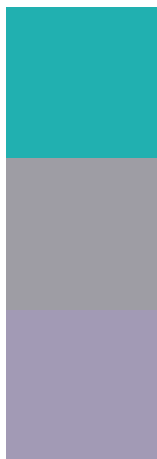
This preview shows how white text looks on a background with the HunterLab color 58.7440,

-29.9088, -5.7819.

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

58.7440, -29.9088, -5.7819

Protanopia

58.3638, -1.6427, 0.2555

Deuteranopia

58.4198, 4.0845, -8.2977



Tritanopia

58.6843, -25.8888, -12.3603

Trichromacy



Original Color

58.7440, -29.9088, -5.7819



Protanomaly

57.3487, -15.8444, -3.2391



Deuteranomaly

57.2190, -12.3878, -9.1502



Tritanomaly

58.7977, -27.4351, -9.9764

Monochromacy



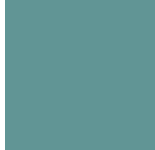
Original Color

58.7440, -29.9088, -5.7819



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

51.1920, -16.0059, -1.6676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7440, -29.9088, -5.7819 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(33, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(33, 176, 176)  
}
```

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(33, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 176, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7440, -29.9088, -5.7819 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(33, 176, 176) }
```


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

```
.border{ border-color:rgb(33, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(33, 176,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7440, -29.9088, -5.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 176, 176) }
```

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

```
.background{ background-color: rgb(33, 176,  
176) }
```

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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