

Converting Colors

HunterLab(57.8070, -28.0579,
-31.3026)

Have a look what the booklet for
HunterLab(57.8070, -28.0579,
-31.3026) contains.

HunterLab(59.6807, -21.5190, -28.1423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(59.6807,
-21.5190, -28.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	00AFD8
RGB	0, 175, 216
RGB Percent	0%, 69%, 85%
CMY	0.9998, 0.3137, 0.1529
CMYK	1.00, 0.19, 0.00, 0.15
HSL	191°, 100%, 42%
HSV	191°, 100%, 85%
XYZ	27.7247, 35.6179, 70.3795
YIQ	127.3490, -117.4610, -24.3490

Conversions

Conversions Part 2

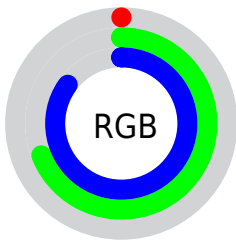
Format	Color
RYB	0, 97, 216
Decimal	45016
CIELab	66.23, -22.83, -31.15
CIELCh	66, 38.622, 233.769
Yxy	35.6191, 0.2073, 0.2664
Android (android.graphics.Color)	4278235096 (0xFF00AFD8)
YUV	127.3490, 43.7049, -111.6851
Hunter-Lab	59.6807, -21.5190, -28.1423

Details

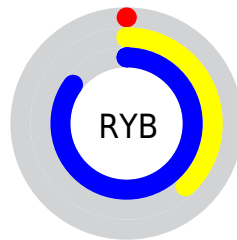
The HunterLab color **59.6807, -21.5190, -28.1423** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **40.2352, 58.7515, 25.8190**, and the grayscale version is **46.0792, -2.4587, 2.5036**.

A 20% lighter version of the original color is **82.0456, -29.7193, -18.3321**, and **40.6107, -12.2031, -24.4168** is the 20% darker color. If you saturate the color by 10%, you get **59.6782, -21.5153, -28.1472**, and if you desaturate by 10%, it is **61.1606, -22.8050, -25.6920**.

Distribution



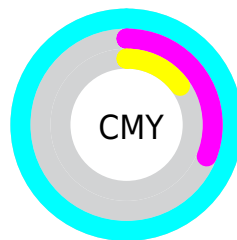
- Red (0%)
- Green (69%)
- Blue (85%)



- Red (0%)
- Yellow (38%)
- Blue (85%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.6807, -21.5190, -28.1423 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 59.6807, -21.5190, -28.1423 by changing the saturation by 10% instead.

■ 59.6807, -21.5190,
-28.1423

■ 59.6807, -21.5190,
-28.1423

180.9123,
-37.1148, -30.9034

■ 49.1326, -19.6484,
-27.5826

■ 82.7307, -25.1220,
-29.1180

■ 39.2907, -17.7104,
-26.9941

■ 95.1621, -26.8770,
-29.5274

■ 30.2111, -15.6779,
-26.4092

■ 108.1604,
-28.6108, -29.8833

■ 21.9640, -13.5083,
-25.9058

■ 121.7019,
-30.3288, -30.1865

■ 14.6440, -11.1277,
-25.6858

■ 135.7657,
-32.0352, -30.4384

■ 8.3034, -12.4227,
-26.7815

150.3330,

0.0000, NaN, -NF

-33.7332, -30.6406

0.0000, NaN, -NF

165.3869,
-35.4257, -30.7951

0.0000, NaN, NaN

■ 59.6807, -21.5190,
-28.1423

■ 59.6807, -21.5190,
-28.1423

■ 59.6782, -21.5153,
-28.1472

■ 61.1606, -22.8050,
-25.6920

■ 62.7919, -23.5314,
-23.0633

■ 64.6119, -23.5604,
-20.2144

■ 66.6310, -22.8578,
-17.1515

■ 68.8528, -21.4218,
-13.8917

■ 71.2766, -19.2735,
-10.4583

■ 73.8978, -16.4494,
-6.8767

■ 76.7101, -12.9960,
-3.1724

■ 79.7055, -8.9650,
0.6309

Harmonies

Analogous

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



59.6817, -30.5603, -10.8873



59.6807, -21.5190, -28.1423



59.6817, -6.7379, -37.2955

Triad

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



59.6817, -21.5186, -28.1412



59.6817, 33.4109, -0.2709



59.6817, -15.9517, 25.4783

Complementary

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



59.6807, -21.5190, -28.1423



40.2352, 58.7515, 25.8190

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.



59.6817, 0.4475, 26.8389



59.6807, -21.5190, -28.1423



59.6817, 30.2269, 14.5975

Square

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



59.6817, -21.5186, -28.1412



59.6817, 25.9287, -18.5193



59.6817, 17.6633, 23.4756



59.6817, -27.6101, 19.0236

Rectangle

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



59.6807, -21.5190, -28.1423



59.6817, 4.8969, -36.1402



59.6817, 17.6633, 23.4756



59.6817, -10.8635, 26.4534

Sweetspot

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



59.6817, -21.5186, -28.1412



89.0759, -19.9666, -8.4335



70.1879, -59.4180, 40.5402



40.5759, -9.9484, -4.7610

0.0000, NaN, NaN



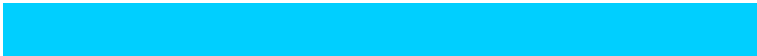
46.2646, -2.4686, 2.5136

Same Dimension

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



59.6817, -21.5186, -28.1412



71.8650, -25.7578, -34.2213



30.2416, 32.5988, -108.1645



36.9978, -4.0406, 0.3919



46.0764, -16.7735, -21.3822



11.7734, -4.7286, -4.5080

Inverse Universe

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



42.0660, 79.3901, -29.8546



50.7393, 95.7313, -35.7292



59.7154, 11.6264, 36.9984



35.4829, 2.5339, -0.4528



32.3853, 61.1637, -23.2817



8.0203, 15.2569, -6.6147

Previews

White Background



This preview shows how the HunterLab color 59.6807, -21.5190, -28.1423 looks on a white background.

Color Contrast Check

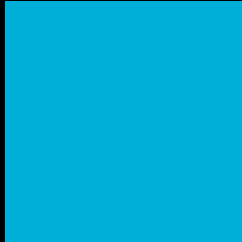
Large Text (above 18pt) WCAG AA × Fail

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 59.6807, -21.5190, -28.1423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

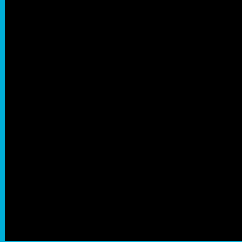
Any Text WCAG AA ✓ Pass

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 59.6807, -21.5190, -28.1423 Background



This preview shows how black text looks on a background with the HunterLab color 59.6807, -21.5190, -28.1423.



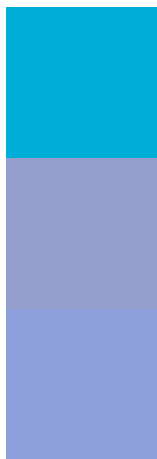
This preview shows how white text looks on a background with the HunterLab color 59.6807,

-21.5190, -28.1423.

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

59.6807, -21.5190, -28.1423

Protanopia

59.2531, 2.7650, -20.6025

Deuteranopia

59.4001, 4.6209, -30.9016



Tritanopia

59.7047, -28.4405, -13.2309

Trichromacy



Original Color

59.6807, -21.5190, -28.1423

Protanomaly

57.8659, -10.9550, -25.6781

Deuteranomaly

58.1713, -8.8909, -32.6174

Tritanomaly

59.7171, -25.9971, -18.5208

Monochromacy



Original Color

59.6807, -21.5190, -28.1423

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

49.1925, -14.8771, -9.4820

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.6807, -21.5190, -28.1423 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(0, 175, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 216)  
}
```

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(0, 175, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 59.6807, -21.5190, -28.1423 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(0, 175, 216) }
```


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

```
.border{ border-color:rgb(0, 175, 216) }
```

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

Here you see how a box with a 4 pixel rgb(0, 175, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 216);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.6807, -21.5190, -28.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 216) }
```

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

```
.background{ background-color: rgb(0, 175,  
216) }
```

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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