

Converting Colors

HunterLab(46.5344, -46.9338,
-30.2494)

Have a look what the booklet for
HunterLab(46.5344, -46.9338,
-30.2494) contains.

HunterLab(52.5116, -21.5011, -19.2201)	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(52.5116,
-21.5011, -19.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	009DB8
RGB	0, 157, 184
RGB Percent	0%, 62%, 72%
CMY	0.9998, 0.3843, 0.2784
CMYK	1.00, 0.15, 0.00, 0.28
HSL	189°, 100%, 36%
HSV	189°, 100%, 72%
XYZ	20.7088, 27.5747, 49.5784
YIQ	113.1350, -102.2390, -24.8870

Conversions

Conversions Part 2

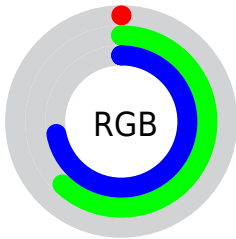
Format	Color
RYB	0, 85, 184
Decimal	40376
CIELab	59.50, -24.57, -23.69
CIELCh	60, 34.132, 223.948
Yxy	27.5757, 0.2116, 0.2818
Android (android.graphics.Color)	4278230456 (0xFF009DB8)
YUV	113.1350, 34.9364, -99.2194
Hunter-Lab	52.5116, -21.5011, -19.2201

Details

The HunterLab color **52.5116, -21.5011, -19.2201** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **33.1303, 50.6428, 21.2993**, and the grayscale version is **40.5915, -2.1659, 2.2054**.

A 20% lighter version of the original color is **74.7429, -25.4918, -19.7842**, and **34.2664, -12.3109, -16.2543** is the 20% darker color. If you saturate the color by 10%, you get **52.5105, -21.4994, -19.2225**, and if you desaturate by 10%, it is **53.5091, -22.1567, -17.6631**.

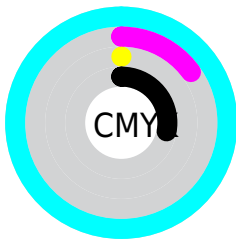
Distribution



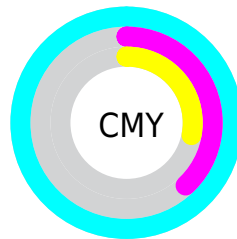
- Red (0%)
- Green (62%)
- Blue (72%)



- Red (0%)
- Yellow (33%)
- Blue (72%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (38%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.5116, -21.5011, -19.2201 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 52.5116, -21.5011, -19.2201 by changing the saturation by 10% instead.

■ 52.5116, -21.5011,
-19.2201

■ 52.5116, -21.5011,
-19.2201

170.4211,
-37.9647, -20.4597

■ 42.4335, -19.4755,
-18.7953

■ 74.7036, -25.3598,
-19.8845

■ 33.0973, -17.3547,
-18.3168

■ 86.7387, -27.2234,
-20.1266

■ 24.5685, -15.0986,
-17.8034

■ 99.3586, -29.0566,
-20.3111

■ 16.9324, -12.6402,
-17.3125

■ 112.5373,
-30.8663, -20.4407

■ 10.3089, -11.1129,
-17.0288

■ 126.2520,
-32.6581, -20.5179

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 140.4827,

-34.4362, -20.5453

0.0000, NaN, NaN

155.2112,
-36.2041, -20.5252

0.0000, NaN, NaN

■ 52.5116, -21.5011,
-19.2201

■ 52.5116, -21.5011,
-19.2201

■ 52.5105, -21.4994,
-19.2225

■ 53.5091, -22.1567,
-17.6631

■ 54.6205, -22.3810,
-15.9597

■ 55.8814, -22.0428,
-14.0661

■ 57.3020, -21.1101,
-11.9816

■ 58.8872, -19.5763,
-9.7149

■ 60.6381, -17.4528,
-7.2805

■ 62.5531, -14.7648,
-4.6960

■ 64.6284, -11.5469,
-1.9806

■ 66.8590, -7.8393,
0.8467

Harmonies

Analogous

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



52.5125, -27.3344, -3.9839



52.5116, -21.5011, -19.2201



52.5125, -10.3330, -29.7666

Triad

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



52.5125, -21.5009, -19.2192



52.5125, 26.9399, -5.0623



52.5125, -9.3921, 22.7108

Complementary

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



52.5116, -21.5011, -19.2201



33.1303, 50.6428, 21.2993

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.



52.5125, 5.1731, 22.5695



52.5116, -21.5011, -19.2201



52.5125, 27.2630, 8.8882

Square

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



52.5125, -21.5009, -19.2192



52.5125, 18.0995, -20.1920



52.5125, 18.9392, 18.2012



52.5125, -20.8770, 18.6606

Rectangle

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



52.5116, -21.5011, -19.2201



52.5125, -0.8608, -31.3088



52.5125, 18.9392, 18.2012



52.5125, -4.7209, 23.1089

Sweetspot

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



52.5125, -21.5009, -19.2192



84.0802, -20.0864, -6.5092



58.6089, -49.8398, 34.3362



38.5280, -10.0634, -3.7069



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



52.5125, -21.5009, -19.2192



70.5033, -28.6904, -26.1887



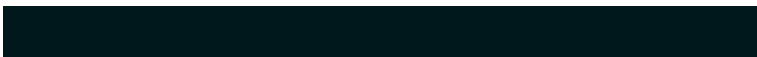
27.4481, 21.4772, -80.6658



31.5910, -3.5760, 0.4865



43.6851, -17.9687, -15.8132



8.5709, -3.8474, -2.4075

Inverse Universe

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



35.5327, 67.6957, -30.1471



47.8095, 91.0461, -40.1976



47.7578, 13.8872, 29.6699



30.2315, 2.1402, -0.5031



29.5108, 56.2503, -25.2105



5.5969, 10.7582, -5.4787

Previews

White Background



This preview shows how the HunterLab color 52.5116, -21.5011, -19.2201 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5116, -21.5011, -19.2201 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

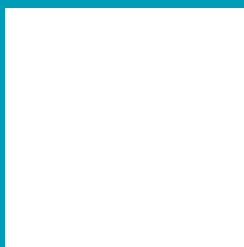
Any Text WCAG AAA × Fail

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

HunterLab 52.5116, -21.5011, -19.2201 Background



This preview shows how black text looks on a background with the HunterLab color 52.5116, -21.5011, -19.2201.



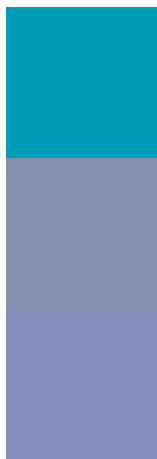
This preview shows how white text looks on a background with the HunterLab color 52.5116, -21.5011, -19.2201.

-21.5011, -19.2201.

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

52.5116, -21.5011, -19.2201

Protanopia

52.1707, 1.2840, -12.7604

Deuteranopia

52.2423, 4.1463, -21.7313



Tritanopia

52.6655, -25.2296, -11.3638

Trichromacy



Original Color

52.5116, -21.5011, -19.2201

Protanomaly

51.0100, -11.5572, -17.1169

Deuteranomaly

51.0200, -9.1502, -23.3562

Tritanomaly

52.5246, -23.7346, -14.4150

Monochromacy



Original Color

52.5116, -21.5011, -19.2201

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.5228, -13.8950, -6.6998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.5116, -21.5011, -19.2201 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, 157, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 184)  
}
```

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, 157, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 52.5116, -21.5011, -19.2201 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, 157, 184) }
```


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

```
.border{ border-color:rgb(0, 157, 184) }
```

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

Here you see how a box with a 4 pixel rgb(0, 157, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.5116, -21.5011, -19.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 184) }
```

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

```
.background{ background-color: rgb(0, 157,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor