

Converting Colors

HunterLab(50.9899, -25.2622,
-19.0389)

Have a look what the booklet for
HunterLab(50.9899, -25.2622,
-19.0389) contains.

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Color

**HunterLab(52.0310,
-22.0066, -17.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	009CB4
RGB	0, 156, 180
RGB Percent	0%, 61%, 71%
CMY	0.9999, 0.3882, 0.2941
CMYK	1.00, 0.13, 0.00, 0.29
HSL	188°, 100%, 35%
HSV	188°, 100%, 71%
XYZ	20.1267, 27.0722, 47.3447
YIQ	112.0920, -100.6800, -25.6080

Conversions

Conversions Part 2

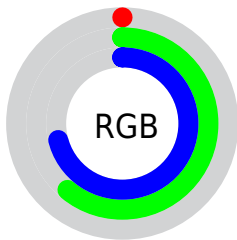
Format	Color
RYB	0, 84, 180
Decimal	40116
CIELab	59.04, -25.43, -22.14
CIELCh	59, 33.716, 221.039
Yxy	27.0732, 0.2129, 0.2863
Android (android.graphics.Color)	4278230196 (0xFF009CB4)
YUV	112.0920, 33.4786, -98.3047
Hunter-Lab	52.0310, -22.0066, -17.5282

Details

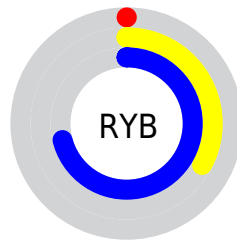
The HunterLab color **52.0310, -22.0066, -17.5282** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32.1842, 49.8885, 20.7032**, and the grayscale version is **40.1962, -2.1448, 2.1839**.

A 20% lighter version of the original color is **74.2143, -26.0813, -18.1246**, and **33.8126, -12.8160, -14.5969** is the 20% darker color. If you saturate the color by 10%, you get **52.0301, -22.0053, -17.5301**, and if you desaturate by 10%, it is **52.9297, -22.5348, -16.1488**.

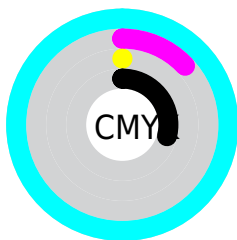
Distribution



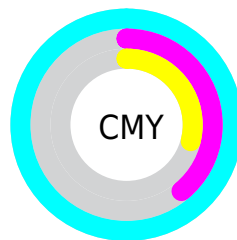
- Red (0%)
- Green (61%)
- Blue (71%)



- Red (0%)
- Yellow (33%)
- Blue (71%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.0310, -22.0066, -17.5282 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 52.0310, -22.0066, -17.5282 by changing the saturation by 10% instead.

■ 52.0310, -22.0066,
-17.5282

■ 52.0310, -22.0066,
-17.5282

■ 169.7090,
-38.8521, -18.3723

■ 41.9860, -19.9219,
-17.1433

■ 74.1629, -25.9690,
-18.1058

■ 32.6855, -17.7349,
-16.6993

■ 86.1703, -27.8790,
-18.3031

■ 24.1958, -15.4028,
-16.2100

■ 98.7638, -29.7558,
-18.4428

■ 16.6034, -12.8540,
-15.7222

■ 111.9173,
-31.6068, -18.5276

■ 10.0304, -11.6695,
-15.3932

■ 125.6078,
-33.4377, -18.5605

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 139.8150,

-35.2533, -18.5439

0.0000, NaN, NaN

154.5209,
-37.0571, -18.4805

0.0000, NaN, NaN

■ 52.0310, -22.0066,
-17.5282

■ 52.0310, -22.0066,
-17.5282

■ 52.0301, -22.0053,
-17.5301

■ 52.9297, -22.5348,
-16.1488

■ 53.9369, -22.6494,
-14.6269

■ 55.0883, -22.2193,
-12.9178

■ 56.3941, -21.2121,
-11.0194

■ 57.8598, -19.6191,
-8.9384

■ 59.4870, -17.4501,
-6.6874

■ 61.2748, -14.7280,
-4.2824

■ 63.2201, -11.4853,
-1.7414

■ 65.3181, -7.7608,
0.9174

Harmonies

Analogous

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



52.0319, -27.1959, -2.4509



52.0310, -22.0066, -17.5282



52.0319, -11.4483, -28.6261

Triad

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



52.0319, -22.0064, -17.5274



52.0319, 25.9862, -6.4432



52.0319, -7.9599, 22.5760

Complementary

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



52.0310, -22.0066, -17.5282



32.1842, 49.8885, 20.7032

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.



52.0319, 6.4978, 22.0494



52.0310, -22.0066, -17.5282



52.0319, 27.1816, 7.6136

Square

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



52.0319, -22.0064, -17.5274



52.0319, 16.6142, -21.1228



52.0319, 19.7223, 17.2920



52.0319, -19.6915, 19.0010

Rectangle

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



52.0310, -22.0066, -17.5282



52.0319, -2.2777, -30.8582



52.0319, 19.7223, 17.2920



52.0319, -3.2786, 22.8410

Sweetspot

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



52.0319, -22.0064, -17.5274



82.3757, -20.0456, -5.9441



57.1920, -48.6286, 33.4925



37.8227, -10.0595, -3.3969



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



52.0319, -22.0064, -17.5274



69.8828, -29.4006, -23.8800



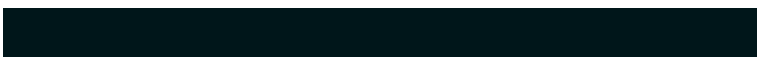
26.8230, 20.8607, -78.5538



30.7155, -3.5177, 0.5151



43.5486, -18.4889, -14.5197



8.0622, -3.7090, -2.0704

Inverse Universe

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



34.7916, 66.4750, -30.9990



46.8199, 89.4217, -41.3824



46.6275, 13.5011, 28.9667



29.3715, 2.0822, -0.5282



29.0769, 55.5807, -26.0606



5.2096, 10.0409, -5.3103

Previews

White Background



This preview shows how the HunterLab color 52.0310, -22.0066, -17.5282 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 52.0310, -22.0066, -17.5282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

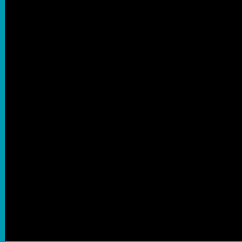
Any Text WCAG AA ✓ Pass

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 52.0310, -22.0066, -17.5282 Background



This preview shows how black text looks on a background with the HunterLab color 52.0310, -22.0066, -17.5282.



This preview shows how white text looks on a background with the HunterLab color 52.0310,

-22.0066, -17.5282.

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

52.0310, -22.0066, -17.5282

Protanopia

51.7413, 0.9814, -11.1124

Deuteranopia

51.7991, 3.7724, -19.9209



Tritanopia

51.9771, -24.6364, -11.7841

Trichromacy



Original Color

52.0310, -22.0066, -17.5282

Protanomaly

50.5503, -11.9805, -15.4313

Deuteranomaly

50.5515, -9.6209, -21.5629

Tritanomaly

52.1248, -23.7667, -13.8460

Monochromacy



Original Color

52.0310, -22.0066, -17.5282

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

43.1093, -14.0228, -6.2319

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.0310, -22.0066, -17.5282 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, 156, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 180)  
}
```

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, 156, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 52.0310, -22.0066, -17.5282 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, 156, 180) }
```


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

```
.border{ border-color:rgb(0, 156, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.0310, -22.0066, -17.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 180) }
```

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

```
.background{ background-color: rgb(0, 156,  
180) }
```

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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