

Converting Colors

HunterLab(52.3351, -20.6507,
-20.8354)

Have a look what the booklet for
HunterLab(52.3351, -20.6507,
-20.8354) contains.

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Color

**HunterLab(52.2706,
-20.6090, -20.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	009CBA
RGB	0, 156, 186
RGB Percent	0%, 61%, 73%
CMY	0.9998, 0.3882, 0.2706
CMYK	1.00, 0.16, 0.00, 0.27
HSL	190°, 100%, 36%
HSV	190°, 100%, 73%
XYZ	20.7514, 27.3222, 50.6344
YIQ	112.7760, -102.6060, -23.7420

Conversions

Conversions Part 2

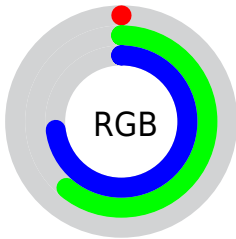
Format	Color
R _Y B	0, 85, 186
Decimal	40122
CIE Lab	59.27, -23.37, -25.17
CIE LCh	59, 34.348, 227.124
Yxy	27.3231, 0.2102, 0.2768
Android (android.graphics.Color)	4278230202 (0xFF009CBA)
YUV	112.7760, 36.0994, -98.9046
Hunter-Lab	52.2706, -20.6090, -20.8447

Details

The HunterLab color **52.2706, -20.6090, -20.8447** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **33.7191, 50.6534, 21.6624**, and the grayscale version is **40.4496, -2.1583, 2.1977**.

A 20% lighter version of the original color is **74.5256, -24.4321, -21.3363**, and **34.0501, -11.4428, -17.8579** is the 20% darker color. If you saturate the color by 10%, you get **52.2693, -20.6070, -20.8474**, and if you desaturate by 10%, it is **53.3641, -21.3932, -19.1055**.

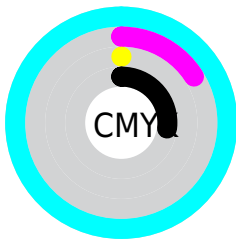
Distribution



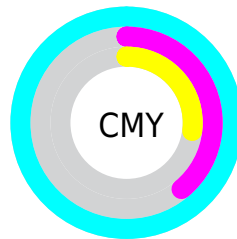
- Red (0%)
- Green (61%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2706, -20.6090, -20.8447 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 52.2706, -20.6090, -20.8447 by changing the saturation by 10% instead.

■ 52.2706, -20.6090,
-20.8447

■ 52.2706, -20.6090,
-20.8447

■ 170.0642,
-36.5589, -22.4829

■ 42.2091, -18.6589,
-20.3809

■ 74.4325, -24.3321,
-21.5960

■ 32.8907, -16.6205,
-19.8702

■ 86.4537, -26.1340,
-21.8832

■ 24.3815, -14.4557,
-19.3384

■ 99.0604, -27.9085,
-22.1130

■ 16.7673, -12.1009,
-18.8587

■ 112.2264,
-29.6624, -22.2878

■ 10.1690, -10.6844,
-18.6613

■ 125.9291,
-31.4008, -22.4098

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 140.1480,

-33.1276, -22.4815

0.0000, NaN, NaN

154.8651,
-34.8460, -22.5052

0.0000, NaN, NaN

■ 52.2706, -20.6090,
-20.8447

■ 52.2706, -20.6090,
-20.8447

■ 52.2693, -20.6070,
-20.8474

■ 53.3641, -21.3932,
-19.1055

■ 54.5754, -21.7346,
-17.2195

■ 55.9401, -21.5023,
-15.1433

■ 57.4677, -20.6661,
-12.8785

■ 59.1625, -19.2211,
-10.4359

■ 61.0250, -17.1813,
-7.8317

■ 63.0528, -14.5738,
-5.0850

■ 65.2417, -11.4348,
-2.2157

■ 67.5859, -7.8056,
0.7566

Harmonies

Analogous

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



52.2715, -27.0773, -5.6744



52.2706, -20.6090, -20.8447



52.2715, -8.9214, -30.5926

Triad

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



52.2715, -20.6087, -20.8438



52.2715, 27.5965, -3.4844



52.2715, -10.8291, 22.5202

Complementary

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



52.2706, -20.6090, -20.8447



33.7191, 50.6534, 21.6624

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.



52.2715, 3.6338, 22.8052



52.2706, -20.6090, -20.8447



52.2715, 26.9401, 10.1354

Square

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



52.2715, -20.6087, -20.8438



52.2715, 19.4913, -18.8651



52.2715, 17.7859, 18.9180



52.2715, -21.8724, 17.9898

Rectangle

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



52.2706, -20.6090, -20.8447



52.2715, 0.7472, -31.3342



52.2715, 17.7859, 18.9180



52.2715, -6.2392, 23.0606

Sweetspot

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



52.2715, -20.6087, -20.8438



84.7417, -19.8204, -7.0415



59.3313, -50.3730, 34.5842



39.2137, -10.0342, -4.0483



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



52.2715, -20.6087, -20.8438



70.1559, -27.4597, -28.4111



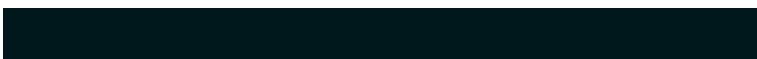
27.0933, 23.4840, -84.5543



31.5551, -3.5185, 0.4439



42.9793, -17.0435, -16.9284



8.4731, -3.7231, -2.5535

Inverse Universe

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



35.8336, 68.0585, -28.7707



48.2094, 91.5206, -38.3088



49.0849, 12.5691, 30.4646



30.2278, 2.1200, -0.4494



29.4060, 55.8812, -23.8084



5.5818, 10.7054, -5.2793

Previews

White Background



This preview shows how the HunterLab color 52.2706, -20.6090, -20.8447 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 52.2706, -20.6090, -20.8447 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

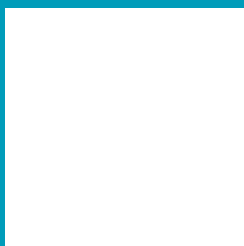
Any Text WCAG AAA × Fail

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

HunterLab 52.2706, -20.6090, -20.8447 Background



This preview shows how black text looks on a background with the HunterLab color 52.2706, -20.6090, -20.8447.



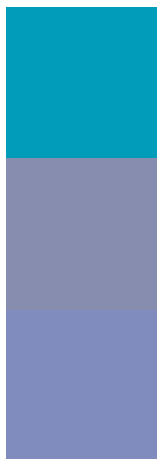
This preview shows how white text looks on a background with the HunterLab color 52.2706,

-20.6090, -20.8447.

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

52.2706, -20.6090, -20.8447

Protanopia

52.1663, 1.4187, -13.9264

Deuteranopia

52.0970, 3.8264, -23.2723



Tritanopia

52.3030, -25.0399, -11.3201

Trichromacy



Original Color

52.2706, -20.6090, -20.8447

Protanomaly

50.7383, -10.8253, -18.7607

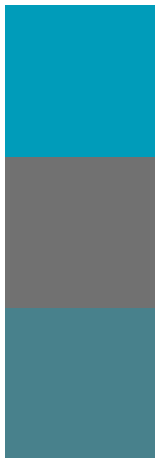
Deuteranomaly

51.0154, -8.9977, -24.6750

Tritanomaly

52.2001, -23.3240, -14.8959

Monochromacy



Original Color

52.2706, -20.6090, -20.8447

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.5565, -13.7013, -7.1737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.2706, -20.6090, -20.8447 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 52.2706, -20.6090, -20.8447 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, 186) }
```


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

```
.border{ border-color:rgb(0, 156, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.2706, -20.6090, -20.8447 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, 186) }
```

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

```
.background{ background-color: rgb(0, 156,  
186) }
```

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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