

Converting Colors

HunterLab(58.3157, -20.8624,
-27.0900)

Have a look what the booklet for
HunterLab(58.3157, -20.8624,
-27.0900) contains.

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Color

**HunterLab(58.2298,
-20.7527, -27.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	0CABD3
RGB	12, 171, 211
RGB Percent	5%, 67%, 83%
CMY	0.9528, 0.3294, 0.1725
CMYK	0.94, 0.19, 0.00, 0.17
HSL	192°, 89%, 44%
HSV	192°, 94%, 83%
XYZ	26.4724, 33.9071, 66.7774
YIQ	128.0190, -107.6040, -21.2680

Conversions

Conversions Part 2

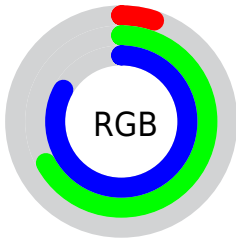
Format	Color
RYB	12, 100, 211
Decimal	830419
CIELab	64.89, -22.13, -30.46
CIELCh	65, 37.649, 234.001
Yxy	33.9083, 0.2082, 0.2667
Android (android.graphics.Color)	4279020499 (0xFF0CABD3)
YUV	128.0190, 40.9096, -101.7487
Hunter-Lab	58.2298, -20.7527, -27.2324

Details

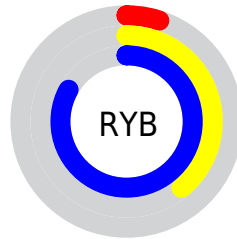
The HunterLab color **58.2298, -20.7527, -27.2324** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **40.4171, 53.6406, 25.3316**, and the grayscale version is **46.3486, -2.4730, 2.5182**.

A 20% lighter version of the original color is **80.3841, -27.2620, -20.7261**, and **39.4892, -12.1622, -23.1034** is the 20% darker color. If you saturate the color by 10%, you get **57.3790, -19.9401, -28.6737**, and if you desaturate by 10%, it is **59.8197, -21.8277, -24.6044**.

Distribution



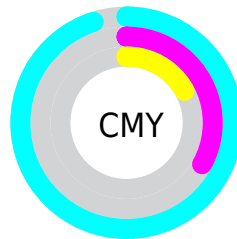
- Red (5%)
- Green (67%)
- Blue (83%)



- Red (5%)
- Yellow (39%)
- Blue (83%)



- Cyan (94%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)



- Cyan (95%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2298, -20.7527, -27.2324 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 58.2298, -20.7527, -27.2324 by changing the saturation by 10% instead.

■ 58.2298, -20.7527,
-27.2324

■ 58.2298, -20.7527,
-27.2324

178.8080,
-36.0784, -29.8951

■ 47.7736, -18.9168,
-26.6805

■ 81.1117, -24.2893,
-28.1897

■ 38.0302, -17.0143,
-26.0990

■ 93.4652, -26.0127,
-28.5888

■ 29.0575, -15.0176,
-25.5210

■ 106.3891,
-27.7158, -28.9338

■ 20.9283, -12.8831,
-25.0280

■ 119.8592,
-29.4039, -29.2257

■ 13.7415, -10.5333,
-24.8368

■ 133.8542,
-31.0813, -29.4660

■ 7.3574, -12.8755,
-27.0691

148.3551,

0.0000, NaN, -NF

-32.7511, -29.6565

0.0000, NaN, -NF

163.3448,
-34.4161, -29.7989

0.0000, NaN, NaN

■ 58.2298, -20.7527,
-27.2324

■ 58.2298, -20.7527,
-27.2324

■ 57.3790, -19.9401,
-28.6737

■ 59.8197, -21.8277,
-24.6044

■ 61.5870, -22.2470,
-21.7699

■ 63.5461, -21.9624,
-18.7287

■ 65.7022, -20.9625,
-15.4956

■ 68.0554, -19.2613,
-12.0928

■ 70.6021, -16.8903,
-8.5453

■ 73.3363, -13.8925,
-4.8785

■ 76.2503, -10.3170,
-1.1161

■ 79.3355, -6.2155,
2.7203

Harmonies

Analogous

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



58.2308, -29.5575, -10.6231



58.2298, -20.7527, -27.2324



58.2308, -6.4173, -35.9640

Triad

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



58.2308, -20.7523, -27.2314



58.2308, 32.2586, -0.1027



58.2308, -15.5644, 24.6866

Complementary

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



58.2298, -20.7527, -27.2324



40.4171, 53.6406, 25.3316

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.



58.2308, 0.2724, 26.0458



58.2298, -20.7527, -27.2324



58.2308, 29.1053, 14.2430

Square

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



58.2308, -20.7523, -27.2314



58.2308, 25.1094, -17.7140



58.2308, 16.9198, 22.8122



58.2308, -26.8060, 18.3748

Rectangle

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



58.2298, -20.7527, -27.2324



58.2308, 4.8368, -34.7831



58.2308, 16.9198, 22.8122



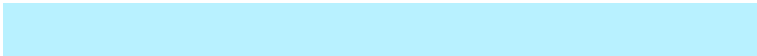
58.2308, -10.6526, 25.6475

Sweetspot

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



58.2308, -20.7523, -27.2314



89.4774, -18.7925, -7.8830



68.4937, -57.1544, 38.4095



40.7181, -9.4262, -4.5609

0.0000, NaN, NaN



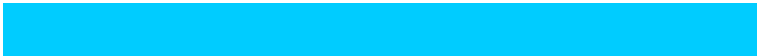
46.2646, -2.4686, 2.5136

Same Dimension

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



58.2308, -20.7523, -27.2314



70.9081, -24.4532, -35.8414



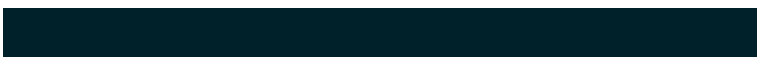
30.6294, 29.2116, -99.9106



36.0367, -3.8820, 0.3484



44.7407, -15.7170, -21.9934



11.0644, -4.3671, -4.4023

Inverse Universe

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



41.2957, 76.1973, -28.5377



50.6033, 95.2495, -33.8888



60.0916, 7.8601, 36.8212



34.5928, 2.4392, -0.3865



31.7679, 59.8625, -21.7886



7.5821, 14.4031, -6.0975

Previews

White Background



This preview shows how the HunterLab color 58.2298, -20.7527, -27.2324 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 58.2298, -20.7527, -27.2324 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

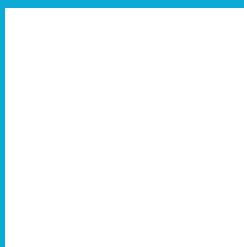
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.2298, -20.7527, -27.2324 Background



This preview shows how black text looks on a background with the HunterLab color 58.2298, -20.7527, -27.2324.



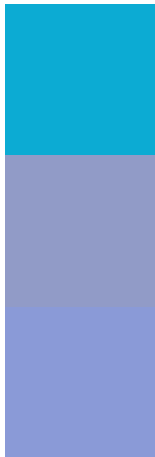
This preview shows how white text looks on a background with the HunterLab color 58.2298, -20.7527, -27.2324.

-20.7527, -27.2324.

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

58.2298, -20.7527, -27.2324

Protanopia

57.9534, 2.4018, -19.5264

Deuteranopia

57.8107, 4.7461, -30.2293



Tritanopia

58.1893, -27.8853, -12.5352

Trichromacy



Original Color

58.2298, -20.7527, -27.2324



Protanomaly

56.8708, -10.2153, -24.0386



Deuteranomaly

56.8084, -7.9092, -31.5308



Tritanomaly

58.2224, -25.3739, -17.7500

Monochromacy



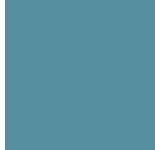
Original Color

58.2298, -20.7527, -27.2324



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

49.3899, -14.2132, -8.6469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2298, -20.7527, -27.2324 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(12, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(12, 171, 211)  
}
```

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(12, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 171, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2298, -20.7527, -27.2324 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(12, 171, 211) }
```


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

```
.border{ border-color:rgb(12, 171, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(12, 171,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2298, -20.7527, -27.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 171, 211) }
```

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

```
.background{ background-color: rgb(12, 171,  
211) }
```

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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