

Converting Colors

HunterLab(57.2150, -21.8594,
-24.3256)

Have a look what the booklet for
HunterLab(57.2150, -21.8594,
-24.3256) contains.

HunterLab(57.2150, -21.8594, -24.3256)	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(57.2150,
-21.8594, -24.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	00A9CC
RGB	0, 169, 204
RGB Percent	0%, 66%, 80%
CMY	0.9998, 0.3372, 0.2000
CMYK	1.00, 0.17, 0.00, 0.20
HSL	190°, 100%, 40%
HSV	190°, 100%, 80%
XYZ	25.0870, 32.7356, 62.1231
YIQ	122.4590, -111.9590, -24.9430

Conversions

Conversions Part 2

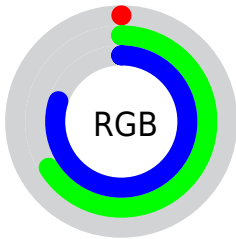
Format	Color
RYB	0, 92, 204
Decimal	43468
CIELab	63.95, -23.86, -28.04
CIELCh	64, 36.821, 229.600
Yxy	32.7367, 0.2092, 0.2729
Android (android.graphics.Color)	4278233548 (0xFF00A9CC)
YUV	122.4590, 40.1997, -107.3965
Hunter-Lab	57.2150, -21.8594, -24.3256

Details

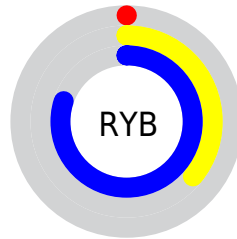
The HunterLab color **57.2150, -21.8594, -24.3256** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **37.4731, 55.9118, 24.0675**, and the grayscale version is **44.1798, -2.3573, 2.4004**.

A 20% lighter version of the original color is **79.5600, -26.8880, -21.9501**, and **38.6324, -12.7786, -20.7018** is the 20% darker color. If you saturate the color by 10%, you get **57.2132, -21.8567, -24.3292**, and if you desaturate by 10%, it is **58.4893, -22.8702, -22.2690**.

Distribution



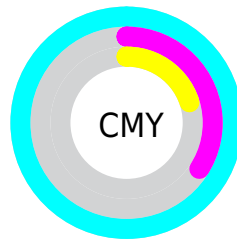
- Red (0%)
- Green (66%)
- Blue (80%)



- Red (0%)
- Yellow (36%)
- Blue (80%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.2150, -21.8594, -24.3256 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 57.2150, -21.8594, -24.3256 by changing the saturation by 10% instead.

■ 57.2150, -21.8594,
-24.3256

■ 57.2150, -21.8594,
-24.3256

177.3307,
-37.9280, -26.4595

■ 46.8240, -19.9113,
-23.8192

■ 79.9777, -25.5951,
-25.1751

■ 37.1506, -17.8847,
-23.2725

■ 92.2761, -27.4083,
-25.5159

■ 28.2539, -15.7480,
-22.7113

■ 105.1473,
-29.1961, -25.8012

■ 20.2089, -13.4507,
-22.2024

■ 118.5668,
-30.9648, -26.0326

■ 13.1174, -10.9025,
-21.9317

■ 132.5132,
-32.7189, -26.2121

■ 6.6104, -11.5682,
-25.0796

146.9672,

0.0000, NaN, -NF

-34.4622, -26.3418

0.0000, NaN, -NF

161.9115,
-36.1978, -26.4236

0.0000, NaN, NaN

■ 57.2150, -21.8594,
-24.3256

■ 57.2150, -21.8594,
-24.3256

■ 57.2132, -21.8567,
-24.3292

■ 58.4893, -22.8702,
-22.2690

■ 59.8999, -23.3716,
-20.0448

■ 61.4836, -23.2282,
-17.6100

■ 63.2508, -22.4061,
-14.9674

■ 65.2061, -20.9009,
-12.1304

■ 67.3495, -18.7292,
-9.1186

■ 69.6779, -15.9228,
-5.9541

■ 72.1860, -12.5233,
-2.6601

■ 74.8671, -8.5778,
0.7414

Harmonies

Analogous

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



57.2160, -29.5183, -7.7317



57.2150, -21.8594, -24.3256



57.2160, -8.5654, -34.3198

Triad

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



57.2160, -21.8591, -24.3246



57.2160, 30.8793, -2.4908



57.2160, -13.1247, 24.5713

Complementary

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



57.2150, -21.8594, -24.3256



37.4731, 55.9118, 24.0675

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.



57.2160, 2.6702, 25.2493



57.2150, -21.8594, -24.3256



57.2160, 29.3079, 12.1810

Square

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



57.2160, -21.8591, -24.3246



57.2160, 22.6216, -19.5836



57.2160, 18.5405, 21.3819



57.2160, -24.8770, 19.1694

Rectangle

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



57.2150, -21.8594, -24.3256



57.2160, 2.2265, -34.4342



57.2160, 18.5405, 21.3819



57.2160, -8.1535, 25.2883

Sweetspot

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



57.2160, -21.8591, -24.3246



89.5392, -20.6558, -7.8342



65.8044, -55.7984, 38.2054



40.8214, -10.3084, -4.4380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.2160, -21.8591, -24.3246



73.4362, -27.8725, -31.6201



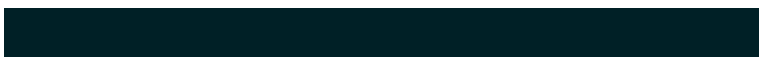
29.1513, 28.3960, -97.7297



35.1947, -3.9086, 0.4419



45.5223, -17.5160, -19.0869



10.7599, -4.5299, -3.6703

Inverse Universe

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



39.6272, 75.0851, -30.4303



50.9660, 96.5323, -38.7835



55.1819, 12.4713, 34.2198



33.7186, 2.4098, -0.4922



31.4563, 59.6395, -24.3990



7.2071, 13.7658, -6.3766

Previews

White Background



This preview shows how the HunterLab color 57.2150, -21.8594, -24.3256 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 57.2150, -21.8594, -24.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

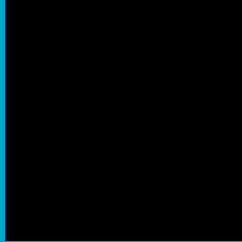
Any Text WCAG AA ✓ Pass

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 57.2150, -21.8594, -24.3256 Background



This preview shows how black text looks on a background with the HunterLab color 57.2150, -21.8594, -24.3256.



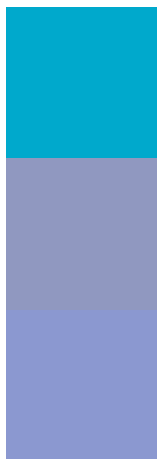
This preview shows how white text looks on a background with the HunterLab color 57.2150,

-21.8594, -24.3256.

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

57.2150, -21.8594, -24.3256

Protanopia

56.7376, 2.1517, -17.1135

Deuteranopia

57.0083, 4.3792, -26.8579



Tritanopia

57.1215, -27.0898, -12.9177

Trichromacy



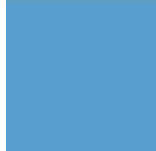
Original Color

57.2150, -21.8594, -24.3256



Protanomaly

55.4207, -11.2987, -21.9185



Deuteranomaly

55.7076, -9.3277, -28.6641



Tritanomaly

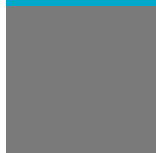
57.0572, -25.1143, -17.1020

Monochromacy



Original Color

57.2150, -21.8594, -24.3256



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

47.2778, -14.6177, -8.3768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.2150, -21.8594, -24.3256 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, 169, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 204)  
}
```

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, 169, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 57.2150, -21.8594, -24.3256 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, 169, 204) }
```


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

```
.border{ border-color:rgb(0, 169, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.2150, -21.8594, -24.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 204) }
```

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

```
.background{ background-color: rgb(0, 169,  
204) }
```

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