

Converting Colors

HunterLab(47.8099, -53.1290,
-59.9907)

Have a look what the booklet for
HunterLab(47.8099, -53.1290,
-59.9907) contains.

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Color

**HunterLab(57.1915,
-15.1077, -38.8713)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6E1
RGB	0, 166, 225
RGB Percent	0%, 65%, 88%
CMY	0.9998, 0.3490, 0.1176
CMYK	1.00, 0.26, 0.00, 0.12
HSL	196°, 100%, 44%
HSV	196°, 100%, 88%
XYZ	27.2268, 32.7087, 76.1126
YIQ	123.0920, -117.8750, -16.8430

Conversions

Conversions Part 2

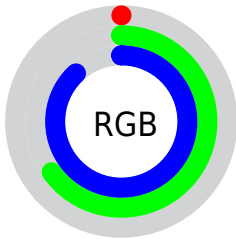
Format	Color
RYB	0, 96, 225
Decimal	42721
CIELab	63.93, -14.90, -39.70
CIELCh	64, 42.401, 249.428
Yxy	32.7098, 0.2001, 0.2404
Android (android.graphics.Color)	4278232801 (0xFF00A6E1)
YUV	123.0920, 50.2406, -107.9517
Hunter-Lab	57.1915, -15.1077, -38.8713

Details

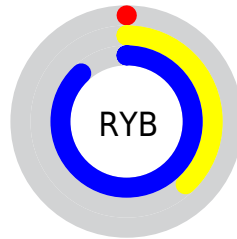
The HunterLab color **57.1915, -15.1077, -38.8713** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **43.7509, 56.5176, 27.9464**, and the grayscale version is **44.3912, -2.3686, 2.4119**.

A 20% lighter version of the original color is **78.6995, -24.9257, -23.2169**, and **38.5995, -6.6051, -33.9875** is the 20% darker color. If you saturate the color by 10%, you get **57.1875, -15.1015, -38.8796**, and if you desaturate by 10%, it is **59.2296, -17.2549, -35.1125**.

Distribution



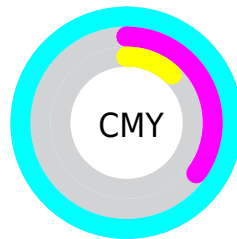
- Red (0%)
- Green (65%)
- Blue (88%)



- Red (0%)
- Yellow (38%)
- Blue (88%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (35%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.1915, -15.1077, -38.8713 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 57.1915, -15.1077, -38.8713 by changing the saturation by 10% instead.

■ 57.1915, -15.1077,
-38.8713

■ 57.1915, -15.1077,
-38.8713

177.2963,
-27.4547, -43.4640

■ 46.8019, -13.7024,
-38.2042

■ 79.9513, -17.8652,
-40.1785

■ 37.1302, -12.2672,
-37.5836

■ 92.2484, -19.2315,
-40.7848

■ 28.2353, -10.7848,
-37.1003

■ 105.1184,
-20.5950, -41.3484

■ 20.1922, -9.2280,
-36.9588

■ 118.5368,
-21.9587, -41.8661

■ 13.1029, -7.5475,
-37.6865

■ 132.4820,
-23.3249, -42.3364

■ 6.5920, -10.2005,
-45.0940

146.9349,

0.0000, NaN, -NF

-24.6954, -42.7591

0.0000, NaN, -NF

161.8782,
-26.0716, -43.1347

0.0000, NaN, NaN

■ 57.1915, -15.1077,
-38.8713

■ 57.1915, -15.1077,
-38.8713

■ 57.1875, -15.1015,
-38.8796

■ 59.2296, -17.2549,
-35.1125

■ 61.4480, -18.7692,
-31.1978

■ 63.8814, -19.5174,
-27.0932

■ 66.5356, -19.4785,
-22.8196

■ 69.4091, -18.6666,
-18.4068

■ 72.4960, -17.1178,
-13.8866

■ 75.7874, -14.8816,
-9.2892

■ 79.2730, -12.0145,
-4.6408

■ 82.9418, -8.5747,
0.0368

Harmonies

Analogous

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



57.1925, -28.1811, -23.0384



57.1915, -15.1077, -38.8713



57.1925, 2.9336, -41.7463

Triad

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



57.1925, -15.1071, -38.8702



57.1925, 36.7538, 8.4196



57.1925, -24.0770, 23.6775

Complementary

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



57.1915, -15.1077, -38.8713



43.7509, 56.5176, 27.9464

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.



57.1925, -8.8063, 27.5617



57.1915, -15.1077, -38.8713



57.1925, 27.3335, 20.8045

Square

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



57.1925, -15.1071, -38.8702



57.1925, 34.5020, -10.2038



57.1925, 10.0865, 26.7123



57.1925, -32.8810, 13.8406

Rectangle

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



57.1915, -15.1077, -38.8713



57.1925, 15.6347, -35.2369



57.1925, 10.0865, 26.7123



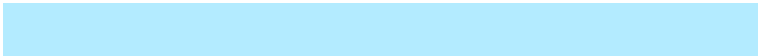
57.1925, -19.6151, 25.5528

Sweetspot

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



57.1925, -15.1071, -38.8702



87.2490, -17.2188, -10.8296



73.5797, -61.6941, 41.2143



39.6084, -8.5119, -6.0547

0.0000, NaN, NaN



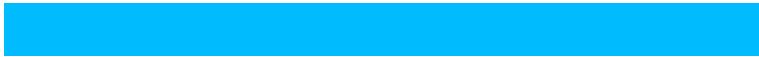
46.2646, -2.4686, 2.5136

Same Dimension

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



57.1925, -15.1071, -38.8702



65.7547, -17.1854, -45.0894



28.7983, 42.7001, -128.1656



38.6421, -3.8933, 0.1330



43.6407, -11.7957, -29.0834



12.0969, -3.9651, -6.5606

Inverse Universe

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



43.3153, 80.5277, -21.2821



49.8958, 92.7349, -24.2447



66.5555, 4.7429, 41.0928



37.2438, 2.5615, -0.1536



32.9100, 61.2403, -16.5709



8.7475, 16.4185, -5.4960

Previews

White Background



This preview shows how the HunterLab color 57.1915, -15.1077, -38.8713 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 57.1915, -15.1077, -38.8713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

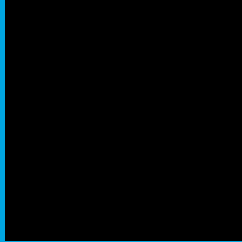
Any Text WCAG AA ✓ Pass

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 57.1915, -15.1077, -38.8713 Background



This preview shows how black text looks on a background with the HunterLab color 57.1915, -15.1077, -38.8713.



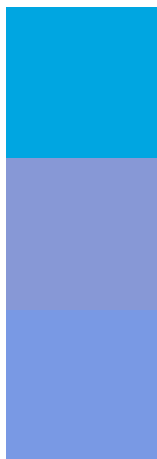
This preview shows how white text looks on a background with the HunterLab color 57.1915, -15.1077, -38.8713.

-15.1077, -38.8713.

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

57.1915, -15.1077, -38.8713

Protanopia

56.9758, 4.7984, -31.0101

Deuteranopia

56.9639, 4.5981, -41.2146



Tritanopia

57.0846, -27.3073, -12.4021

Trichromacy



Original Color

57.1915, -15.1077, -38.8713



Protanomaly

55.8161, -6.3763, -36.1760



Deuteranomaly

56.1939, -5.7362, -42.1511



Tritanomaly

57.0083, -23.0621, -21.4709

Monochromacy



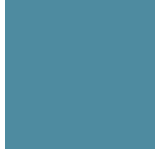
Original Color

57.1915, -15.1077, -38.8713



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

47.5636, -12.9840, -12.3759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.1915, -15.1077, -38.8713 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, 166, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 225)  
}
```

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, 166, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 57.1915, -15.1077, -38.8713 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, 166, 225) }
```


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

```
.border{ border-color:rgb(0, 166, 225) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.1915, -15.1077, -38.8713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 225) }
```

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

```
.background{ background-color: rgb(0, 166,  
225) }
```

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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