

Converting Colors

HunterLab(49.7567, -1.5800,
-57.4183)

Have a look what the booklet for
HunterLab(49.7567, -1.5800,
-57.4183) contains.

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Color

**HunterLab(49.8258, -1.5777,
-57.5345)**

Conversions

Conversions Part 1

Format	Color
Hex	118DE5
RGB	17, 141, 229
RGB Percent	7%, 55%, 90%
CMY	0.9332, 0.4471, 0.1020
CMYK	0.93, 0.38, 0.00, 0.10
HSL	205°, 86%, 48%
HSV	205°, 93%, 90%
XYZ	23.8989, 24.8261, 77.6612
YIQ	113.9560, -102.1520, 1.0800

Conversions

Conversions Part 2

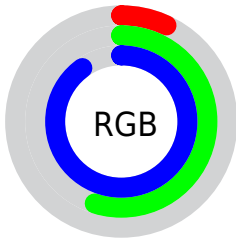
Format	Color
RYP	17, 95, 229
Decimal	1150437
CIELab	56.91, 1.34, -52.99
CIElCh	57, 53.011, 271.447
Yxy	24.8269, 0.1891, 0.1964
Android (android.graphics.Color)	4279340517 (0xFF118DE5)
YUV	113.9560, 56.7167, -85.0304
Hunter-Lab	49.8258, -1.5777, -57.5345

Details

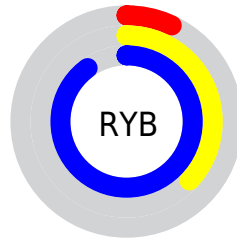
The HunterLab color **49.8258, -1.5777, -57.5345** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **51.7786, 38.5627, 31.9716**, and the grayscale version is **40.8258, -2.1784, 2.2181**.

A 20% lighter version of the original color is **69.9941, -11.4886, -37.2106**, and **32.6671, 4.9604, -51.5391** is the 20% darker color. If you saturate the color by 10%, you get **47.6309, 1.5579, -62.8976**, and if you desaturate by 10%, it is **52.9930, -5.1483, -50.3742**.

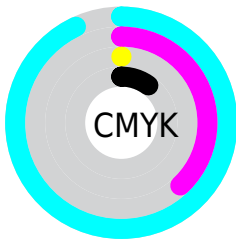
Distribution



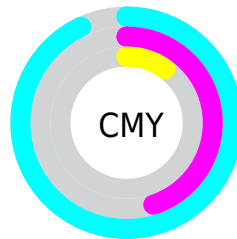
- Red (7%)
- Green (55%)
- Blue (90%)



- Red (7%)
- Yellow (37%)
- Blue (90%)



- Cyan (93%)
- Magenta (38%)
- Yellow (0%)
- Black (10%)



- Cyan (93%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8258, -1.5777, -57.5345 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 49.8258, -1.5777, -57.5345 by changing the saturation by 10% instead.

■ 49.8258, -1.5777,
-57.5345

■ 49.8258, -1.5777,
-57.5345

■ 166.4255, -7.2715,
-63.9508

■ 39.9351, -1.1248,
-57.0888

■ 71.6772, -2.6051,
-58.8937

■ 30.8017, -0.7197,
-57.0137

■ 83.5557, -3.1758,
-59.6603

■ 22.4955, -0.3670,
-57.6824

■ 96.0264, -3.7812,
-60.4347

■ 15.1089, -0.0745,
-59.9888

■ 109.0622, -4.4193,
-61.1975

■ 8.7440, 0.1999,
-66.8921

■ 122.6398, -5.0887,
-61.9367

0.0000, NaN, -NF

0.0000, NaN, -NF

136.7383, -5.7880,

-62.6448

0.0000, NaN, -NF

151.3391, -6.5160,
-63.3171

0.0000, NaN, NaN

■ 49.8258, -1.5777,
-57.5345

■ 49.8258, -1.5777,
-57.5345

■ 47.6309, 1.5579,
-62.8976

■ 52.9930, -5.1483,
-50.3742

■ 56.4411, -7.8273,
-43.2295

■ 60.1619, -9.6199,
-36.1520

■ 64.1392, -10.5748,
-29.1878

■ 68.3541, -10.7617,
-22.3684

■ 72.7872, -10.2577,
-15.7117

■ 77.4201, -9.1394,
-9.2240

■ 82.2356, -7.4785,
-2.9033

■ 87.2181, -5.3399,
3.2575

Harmonies

Analogous

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



49.8266, -21.5052, -47.9111



49.8258, -1.5777, -57.5345



49.8266, 21.6795, -45.9965

Triad

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



49.8266, -1.5767, -57.5333



49.8266, 39.3408, 19.6149



49.8266, -34.9459, 18.5066

Complementary

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



49.8258, -1.5777, -57.5345



51.7786, 38.5627, 31.9716

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.



49.8266, -23.0737, 26.4379



49.8258, -1.5777, -57.5345



49.8266, 19.4801, 26.8521

Square

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



49.8266, -1.5767, -57.5333



49.8266, 47.7236, 3.7287



49.8266, -3.7367, 28.6541



49.8266, -38.6219, 1.6738

Rectangle

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



49.8258, -1.5777, -57.5345



49.8266, 35.4022, -29.9022



49.8266, -3.7367, 28.6541



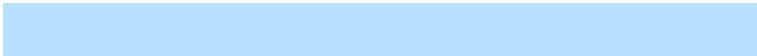
49.8266, -31.8977, 21.9934

Sweetspot

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



49.8266, -1.5767, -57.5333



84.5012, -11.1138, -14.5065



75.5741, -59.8831, 35.6940



38.0551, -5.3590, -8.1940

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8266, -1.5767, -57.5333



53.6251, 2.0825, -71.5221



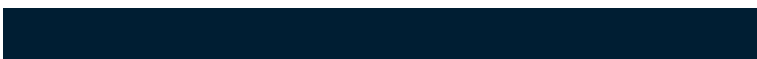
26.7921, 53.5536, -146.5991



39.0906, -3.2030, -0.4553



36.3513, 0.5939, -46.7182



10.7647, -1.3040, -10.6399

Inverse Universe

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



43.5700, 76.6565, -6.1022



48.4088, 87.3926, -3.5332



78.5592, -12.6835, 47.7842



38.0903, 2.3644, 0.5565



32.4526, 58.6803, -3.0941



8.9256, 16.3256, -2.2964

Previews

White Background



This preview shows how the HunterLab color 49.8258, -1.5777, -57.5345 looks on a white background.

Color Contrast Check

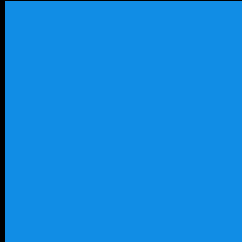
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8258, -1.5777, -57.5345 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

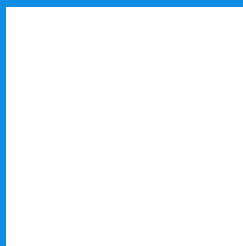
Any Text WCAG AAA × Fail

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

HunterLab 49.8258, -1.5777, -57.5345 Background



This preview shows how black text looks on a background with the HunterLab color 49.8258, -1.5777, -57.5345.



This preview shows how white text looks on a background with the HunterLab color 49.8258, -1.5777, -57.5345.

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

49.8258, -1.5777, -57.5345

Protanopia

49.7040, 8.8840, -50.8168

Deuteranopia

49.8332, 4.5347, -58.2833



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.8258, -1.5777, -57.5345

Protanomaly

49.2871, 3.5079, -54.4014

Deuteranomaly

49.5410, 2.0760, -59.0317

Tritanomaly

49.4483, -16.6057, -25.5211

Monochromacy



Original Color

49.8258, -1.5777, -57.5345

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

42.9859, -6.9875, -17.0167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8258, -1.5777, -57.5345 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(17, 141, 229)` looks like.

```
.text, #text, p{  
    color:rgb(17, 141, 229)  
}
```

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(17, 141, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 141, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8258, -1.5777, -57.5345 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(17, 141, 229) }
```


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

```
.border{ border-color:rgb(17, 141, 229) }
```

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

Here you see how a box with a 4 pixel rgb(17, 141, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 141, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 141, 229);  
box-shadow:4px 4px 4px 4px rgb(17, 141,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8258, -1.5777, -57.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 141, 229) }
```

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

```
.background{ background-color: rgb(17, 141,  
229) }
```

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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