

Converting Colors

HunterLab(39.9208, -47.4034,
-77.4518)

Have a look what the booklet for
HunterLab(39.9208, -47.4034,
-77.4518) contains.

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Color

**HunterLab(50.1667, -5.8677,
-50.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	0090DD
RGB	0, 144, 221
RGB Percent	0%, 56%, 87%
CMY	0.9998, 0.4353, 0.1333
CMYK	1.00, 0.35, 0.00, 0.13
HSL	201°, 100%, 43%
HSV	201°, 100%, 87%
XYZ	23.0244, 25.1670, 72.0508
YIQ	109.7220, -110.5410, -6.5810

Conversions

Conversions Part 2

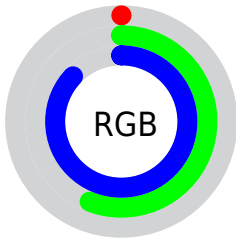
Format	Color
RYB	0, 87, 221
Decimal	37085
CIELab	57.24, -3.99, -48.01
CIELCh	57, 48.176, 265.248
Yxy	25.1678, 0.1915, 0.2093
Android (android.graphics.Color)	4278227165 (0xFF0090DD)
YUV	109.7220, 54.8601, -96.2262
Hunter-Lab	50.1667, -5.8677, -50.0373

Details

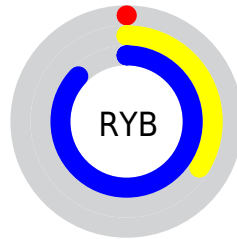
The HunterLab color **50.1667, -5.8677, -50.0373** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **45.4839, 47.8583, 28.8627**, and the grayscale version is **39.2155, -2.0924, 2.1307**.

A 20% lighter version of the original color is **70.7362, -13.7407, -35.9520**, and **32.7445, 1.5397, -44.2516** is the 20% darker color. If you saturate the color by 10%, you get **50.1613, -5.8588, -50.0499**, and if you desaturate by 10%, it is **52.6812, -8.9560, -44.6837**.

Distribution



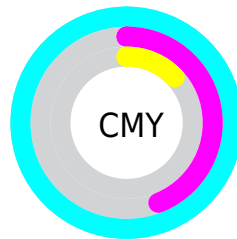
- Red (0%)
- Green (56%)
- Blue (87%)



- Red (0%)
- Yellow (34%)
- Blue (87%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1667, -5.8677, -50.0373 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 50.1667, -5.8677, -50.0373 by changing the saturation by 10% instead.

■ 50.1667, -5.8677,
-50.0373

■ 50.1667, -5.8677,
-50.0373

166.9348,
-13.7080, -56.0073

■ 40.2518, -5.1057,
-49.4697

■ 72.0620, -7.4550,
-51.4462

■ 31.0922, -4.3652,
-49.1496

■ 83.9606, -8.2826,
-52.1829

■ 22.7572, -3.6430,
-49.3496

■ 96.4505, -9.1326,
-52.9060

■ 15.3382, -2.9338,
-50.7229

■ 109.5047,
-10.0047, -53.6024

■ 8.9518, -2.4207,
-55.3266

■ 123.0999,
-10.8986, -54.2643

0.0000, NaN, -NF

137.2154,

0.0000, NaN, -NF

-11.8140, -54.8873

0.0000, NaN, -NF

151.8326,
-12.7506, -55.4687

0.0000, NaN, NaN

■ 50.1667, -5.8677,
-50.0373

■ 50.1667, -5.8677,
-50.0373

■ 50.1613, -5.8588,
-50.0499

■ 52.6812, -8.9560,
-44.6837

■ 55.4053, -11.3619,
-39.2619

■ 58.3676, -12.9649,
-33.7494

■ 61.5655, -13.7663,
-28.1834

■ 64.9898, -13.8010,
-22.6029

■ 68.6281, -13.1226,
-17.0405

■ 72.4666, -11.7932,
-11.5216

■ 76.4911, -9.8772,
-6.0634

■ 80.6879, -7.4366,
-0.6767

Harmonies

Analogous

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



50.1675, -23.0155, -38.2709



50.1667, -5.8677, -50.0373



50.1675, 15.0472, -43.6970

Triad

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



50.1675, -5.8668, -50.0362



50.1675, 37.6540, 16.1086



50.1675, -30.8496, 19.5985

Complementary

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



50.1667, -5.8677, -50.0373



45.4839, 47.8583, 28.8627

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.



50.1675, -18.2423, 26.0195



50.1667, -5.8677, -50.0373



50.1675, 21.5211, 24.6378

Square

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



50.1675, -5.8668, -50.0362



50.1675, 42.3595, -0.4380



50.1675, 0.5895, 27.4066



50.1675, -35.9064, 5.7054

Rectangle

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



50.1667, -5.8677, -50.0373



50.1675, 28.1014, -31.0046



50.1675, 0.5895, 27.4066



50.1675, -27.4620, 22.4461

Sweetspot

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



50.1675, -5.8668, -50.0362



85.0988, -13.9198, -13.7212



72.2524, -59.5320, 38.2059



38.4714, -6.7847, -7.6210

0.0000, NaN, NaN



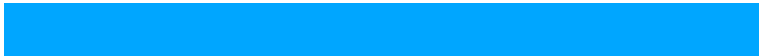
46.2646, -2.4686, 2.5136

Same Dimension

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



50.1675, -5.8668, -50.0362



58.7712, -6.5392, -59.3428



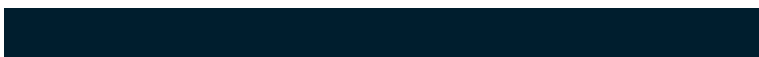
25.5666, 50.9768, -141.9924



37.4512, -3.3736, -0.1780



38.5178, -4.9211, -37.5205



10.5837, -2.4485, -7.9432

Inverse Universe

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



41.6979, 76.2305, -10.4896



49.0082, 89.5556, -11.9557



70.5172, -4.4430, 43.3733



36.3232, 2.3420, 0.2420



31.8143, 58.2282, -8.4754



8.1962, 15.1738, -3.5228

Previews

White Background



This preview shows how the HunterLab color 50.1667, -5.8677, -50.0373 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 50.1667, -5.8677, -50.0373 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

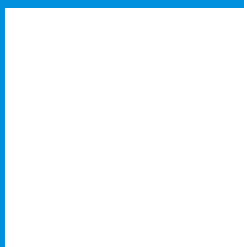
Any Text WCAG AAA × Fail

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

HunterLab 50.1667, -5.8677, -50.0373 Background



This preview shows how black text looks on a background with the HunterLab color 50.1667, -5.8677, -50.0373.

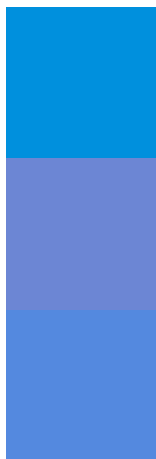


This preview shows how white text looks on a background with the HunterLab color 50.1667, -5.8677, -50.0373.

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

50.1667, -5.8677, -50.0373

Protanopia

49.9918, 7.4673, -42.9370

Deuteranopia

50.1037, 4.6652, -51.6563



Tritanopia

50.1007, -24.1187, -10.5562

Trichromacy



Original Color

50.1667, -5.8677, -50.0373

Protanomaly

49.3442, -0.2264, -46.8466

Deuteranomaly

49.7865, -0.9675, -51.6375

Tritanomaly

49.9556, -18.1056, -23.3554

Monochromacy



Original Color

50.1667, -5.8677, -50.0373

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

41.7411, -8.9427, -15.4210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1667, -5.8677, -50.0373 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, 144, 221)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 221)  
}
```

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, 144, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1667, -5.8677, -50.0373 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, 144, 221) }
```


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

```
.border{ border-color:rgb(0, 144, 221) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 221);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1667, -5.8677, -50.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 221) }
```

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

```
.background{ background-color: rgb(0, 144,  
221) }
```

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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