

Converting Colors

HunterLab(36.8029, -46.8987,
-109.7348)

Have a look what the booklet for
HunterLab(36.8029, -46.8987,
-109.7348) contains.

HunterLab(49.4054, 2.6668, -67.5093)	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(49.4054, 2.6668,
-67.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	008AEF
RGB	0, 138, 239
RGB Percent	0%, 54%, 94%
CMY	0.9997, 0.4588, 0.0627
CMYK	1.00, 0.42, 0.00, 0.06
HSL	205°, 100%, 47%
HSV	205°, 100%, 94%
XYZ	24.6684, 24.4089, 85.0725
YIQ	108.2520, -114.6690, 2.1550

Conversions

Conversions Part 2

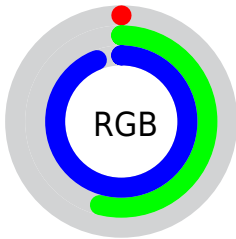
Format	Color
R _{YB}	0, 87, 239
Decimal	35567
CIE Lab	56.50, 6.46, -59.22
CIE LCh	56, 59.566, 276.226
Yxy	24.4096, 0.1839, 0.1820
Android (android.graphics.Color)	4278225647 (0xFF008AEF)
YUV	108.2520, 64.4588, -94.9370
Hunter-Lab	49.4054, 2.6668, -67.5093

Details

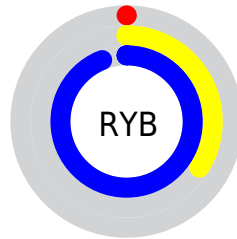
The HunterLab color **49.4054, 2.6668, -67.5093** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **52.6034, 44.5499, 33.1917**, and the grayscale version is **38.6220, -2.0608, 2.0984**.

A 20% lighter version of the original color is **69.0433, -10.0050, -38.8741**, and **32.4379, 9.3550, -60.7393** is the 20% darker color. If you saturate the color by 10%, you get **49.3976, 2.6809, -67.5300**, and if you desaturate by 10%, it is **52.5720, -1.8134, -59.7343**.

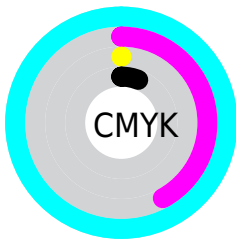
Distribution



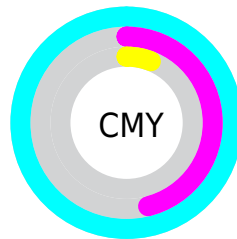
- Red (0%)
- Green (54%)
- Blue (94%)



- Red (0%)
- Yellow (34%)
- Blue (94%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (46%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4054, 2.6668, -67.5093 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 49.4054, 2.6668, -67.5093 by changing the saturation by 10% instead.

■ 49.4054, 2.6668,
-67.5093

■ 49.4054, 2.6668,
-67.5093

165.7966, -1.0002,
-74.1968

■ 39.5446, 2.8314,
-67.3026

■ 71.2024, 2.1648,
-68.6930

■ 30.4437, 2.9253,
-67.6577

■ 83.0560, 1.8362,
-69.4575

■ 22.1733, 2.9380,
-69.1053

■ 95.5029, 1.4617,
-70.2639

■ 14.8269, 2.8516,
-72.9191

■ 108.5160, 1.0447,
-71.0828

■ 8.4800, 2.8666,
-83.6298

■ 122.0718, 0.5879,
-71.8958

0.0000, NaN, -NF

0.0000, NaN, -NF

136.1493, 0.0935,

-72.6906

0.0000, NaN, -NF

150.7298, -0.4364,
-73.4594

0.0000, NaN, -NF

■ 49.4054, 2.6668,
-67.5093

■ 49.4054, 2.6668,
-67.5093

■ 49.3976, 2.6809,
-67.5300

■ 52.5720, -1.8134,
-59.7343

■ 56.0190, -5.4527,
-52.0069

■ 59.7665, -8.1385,
-44.3255

■ 63.8010, -9.8934,
-36.7473

■ 68.1035, -10.7784,
-29.3173

■ 72.6529, -10.8723,
-22.0640

■ 77.4282, -10.2586,
-15.0006

■ 82.4098, -9.0185,
-8.1293

■ 87.5796, -7.2269,
-1.4442

Harmonies

Analogous

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



49.4061, -20.5160, -59.8860



49.4054, 2.6668, -67.5093



49.4061, 29.0008, -50.0492

Triad

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



49.4061, 2.6681, -67.5081



49.4061, 42.2814, 22.7604



49.4061, -39.2989, 17.7664

Complementary

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



49.4054, 2.6668, -67.5093



52.6034, 44.5499, 33.1917

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.



49.4061, -27.8959, 27.1449



49.4054, 2.6668, -67.5093



49.4061, 18.2084, 28.8658

Square

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



49.4061, 2.6681, -67.5081



49.4061, 54.6144, 7.3835



49.4061, -7.7308, 29.9359



49.4061, -41.8318, -2.5160

Rectangle

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



49.4054, 2.6668, -67.5093



49.4061, 43.8541, -29.9692



49.4061, -7.7308, 29.9359



49.4061, -36.5043, 21.9162

Sweetspot

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



49.4061, 2.6681, -67.5081



83.2704, -11.0552, -16.2451



79.1496, -63.7523, 38.6958



37.5061, -5.2825, -8.9927

0.0000, NaN, NaN



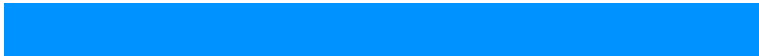
46.2646, -2.4686, 2.5136

Same Dimension

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



49.4061, 2.6681, -67.5081



53.0590, 3.0807, -72.9694



25.9460, 63.5041, -169.5082



40.9198, -3.3192, -0.5209



37.0811, 1.3596, -49.2832



11.5778, -1.0936, -12.1104

Inverse Universe

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



44.9302, 81.0202, -2.6257



48.3458, 87.1644, -2.6418



83.1028, -14.5083, 50.9522



39.8897, 2.4858, 0.6121



33.4386, 60.3760, -2.5111



9.7470, 17.7835, -2.1632

Previews

White Background



This preview shows how the HunterLab color 49.4054, 2.6668, -67.5093 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 49.4054, 2.6668, -67.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

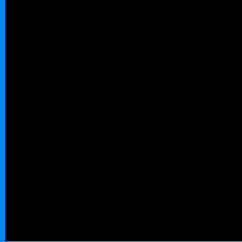
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

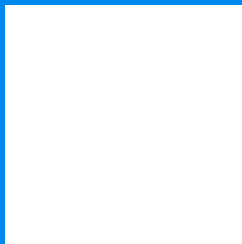
Any Text WCAG AAA × Fail

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

HunterLab 49.4054, 2.6668, -67.5093 Background



This preview shows how black text looks on a background with the HunterLab color 49.4054, 2.6668, -67.5093.



This preview shows how white text looks on a background with the HunterLab color 49.4054, 2.6668, -67.5093.

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

49.4054, 2.6668, -67.5093

Protanopia

49.2843, 11.6896, -62.1683

Deuteranopia

49.5332, 4.5791, -67.1443



Tritanopia

49.3465, -23.9528, -9.9715

Trichromacy



Original Color

49.4054, 2.6668, -67.5093

Protanomaly

48.9062, 6.4186, -65.0368

Deuteranomaly

49.3128, 3.8429, -67.7299

Tritanomaly

49.2259, -15.5654, -27.9268

Monochromacy



Original Color

49.4054, 2.6668, -67.5093

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.0599, -6.4200, -20.2285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4054, 2.6668, -67.5093 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, 138, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 239)  
}
```

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, 138, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4054, 2.6668, -67.5093 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, 138, 239) }
```


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

```
.border{ border-color:rgb(0, 138, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4054, 2.6668, -67.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 239) }
```

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

```
.background{ background-color: rgb(0, 138,  
239) }
```

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