

Converting Colors

HunterLab(49.9825, 4.7187,
-66.9083)

Have a look what the booklet for
HunterLab(49.9825, 4.7187,
-66.9083) contains.

HunterLab(49.9818, 4.7175, -66.9095)	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(49.9818, 4.7175,
-66.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	2B8AF0
RGB	43, 138, 240
RGB Percent	17%, 54%, 94%
CMY	0.8313, 0.4588, 0.0588
CMYK	0.82, 0.42, 0.00, 0.06
HSL	211°, 87%, 55%
HSV	211°, 82%, 94%
XYZ	25.8129, 24.9818, 85.8995
YIQ	121.2230, -89.3620, 11.5820

Conversions

Conversions Part 2

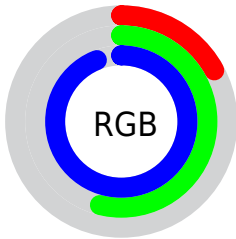
Format	Color
R _Y B	43, 107, 240
Decimal	2853616
CIE Lab	57.06, 8.89, -58.84
CIE LCh	57, 59.508, 278.594
Yxy	24.9825, 0.1888, 0.1828
Android (android.graphics.Color)	4281043696 (0xFF2B8AF0)
YUV	121.2230, 58.5571, -68.6016
Hunter-Lab	49.9818, 4.7175, -66.9095




Details

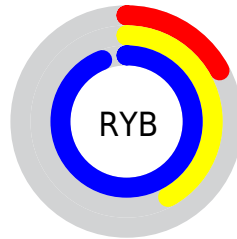
The HunterLab color **49.9818, 4.7175, -66.9095** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **62.4154, 23.7579, 36.7031**, and the grayscale version is **43.6204, -2.3275, 2.3700**.




A 20% lighter version of the original color is **69.6238, -7.9417, -37.8030**, and **32.5018, 9.6829, -61.5271** is the 20% darker color. If you saturate the color by 10%, you get **46.0899, 9.9819, -77.4739**, and if you desaturate by 10%, it is **54.2540, 0.5310, -56.6503**.

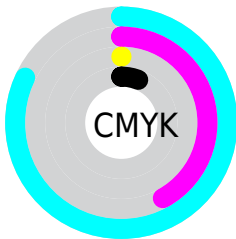
Distribution







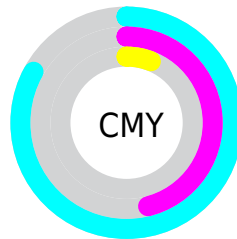
-  Red (17%)
-  Green (54%)
-  Blue (94%)






-  Red (17%)
-  Yellow (42%)
-  Blue (94%)



-  Cyan (82%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (6%)



-  Cyan (83%)
-  Magenta (46%)
-  Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9818, 4.7175, -66.9095 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 49.9818, 4.7175, -66.9095 by changing the saturation by 10% instead.

■ 49.9818, 4.7175,
-66.9095

■ 49.9818, 4.7175,
-66.9095

■ 166.6586, 1.9668,
-73.6065

■ 40.0800, 4.7538,
-66.6646

■ 71.8533, 4.4507,
-68.1251

■ 30.9346, 4.7107,
-66.9503

■ 83.7410, 4.2311,
-68.8942

■ 22.6152, 4.5754,
-68.2652

■ 96.2204, 3.9610,
-69.7008

■ 15.2137, 4.3274,
-71.7942

■ 109.2647, 3.6443,
-70.5173

■ 8.8397, 4.0241,
-81.3077

■ 122.8504, 3.2840,
-71.3258

0.0000, NaN, -NF

0.0000, NaN, -NF

136.9566, 2.8828,

-72.1147

0.0000, NaN, -NF

151.5650, 2.4431,
-72.8766

0.0000, NaN, -NF

■ 49.9818, 4.7175,
-66.9095

■ 49.9818, 4.7175,
-66.9095

■ 46.0899, 9.9819,
-77.4739

■ 54.2540, 0.5310,
-56.6503

■ 43.2651, 14.8127,
-86.0539

■ 58.8726, -2.6193,
-46.7920

■ 63.8028, -4.8216,
-37.3770

■ 69.0111, -6.1836,
-28.4101

■ 74.4667, -6.8135,
-19.8704

■ 80.1433, -6.8107,
-11.7234

■ 86.0177, -6.2628,
-3.9289

■ 92.0706, -5.2448,
3.5542

■ 97.8923, -5.1838,
10.2998

Harmonies

Analogous

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



49.9825, -19.0332, -61.3281



49.9818, 4.7175, -66.9095



49.9825, 30.9924, -47.8446

Triad

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



49.9825, 4.7187, -66.9083



49.9825, 40.7271, 23.6667



49.9825, -40.0145, 16.6991

Complementary

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



49.9818, 4.7175, -66.9095



62.4154, 23.7579, 36.7031

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.



49.9825, -29.2617, 26.8903



49.9818, 4.7175, -66.9095



49.9825, 16.1143, 29.3161

Square

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



49.9825, 4.7187, -66.9083



49.9825, 54.2993, 9.0831



49.9825, -9.6522, 30.1052



49.9825, -41.8752, -4.6065

Rectangle

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



49.9818, 4.7175, -66.9095



49.9825, 45.3345, -27.4582



49.9825, -9.6522, 30.1052



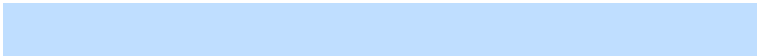
49.9825, -37.4385, 21.1661

Sweetspot

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



49.9825, 4.7187, -66.9083



84.0034, -7.3624, -15.1410



80.5435, -58.3929, 28.9504



37.8711, -3.4096, -8.4265

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9825, 4.7187, -66.9083



46.9808, 14.7577, -90.1877



29.3401, 56.5410, -147.5216



40.6037, -2.8007, -0.9066



32.4200, 10.1236, -62.3761



10.3571, 0.9944, -15.0920

Inverse Universe

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



46.9996, 74.9368, -0.0601



47.8191, 84.4251, 6.6387



89.6946, -24.7688, 53.3237



39.8570, 2.3107, 1.0765



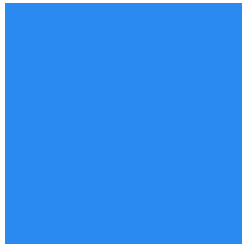
32.9460, 58.5863, 4.5044



9.6073, 17.2789, -0.1956

Previews

White Background



This preview shows how the HunterLab color 49.9818, 4.7175, -66.9095 looks on a white background.

Color Contrast Check

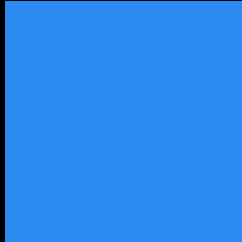
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9818, 4.7175, -66.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

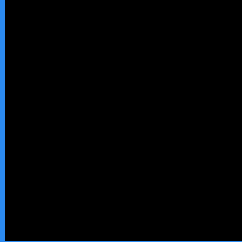
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

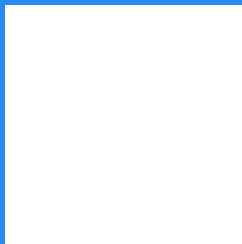
Any Text WCAG AAA × Fail

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

HunterLab 49.9818, 4.7175, -66.9095 Background



This preview shows how black text looks on a background with the HunterLab color 49.9818, 4.7175, -66.9095.



This preview shows how white text looks on a background with the HunterLab color 49.9818, 4.7175, -66.9095.

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

49.9818, 4.7175, -66.9095

Protanopia

49.9974, 11.3892, -62.1980

Deuteranopia

50.0037, 4.7903, -66.8519



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.9818, 4.7175, -66.9095

Protanomaly

49.8981, 8.4569, -64.3062

Deuteranomaly

50.0037, 4.7903, -66.8519

Tritanomaly

49.3818, -14.8949, -28.3216

Monochromacy



Original Color

49.9818, 4.7175, -66.9095

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.9291, -3.9174, -18.7316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9818, 4.7175, -66.9095 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(43, 138, 240)` looks like.

```
.text, #text, p{  
    color:rgb(43, 138, 240)  
}
```

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(43, 138, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 138, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9818, 4.7175, -66.9095 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(43, 138, 240) }
```


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

```
.border{ border-color:rgb(43, 138, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 138, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 138, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 138, 240);  
box-shadow:4px 4px 4px 4px rgb(43, 138,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9818, 4.7175, -66.9095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 138, 240) }
```

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

```
.background{ background-color: rgb(43, 138,  
240) }
```

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