

Converting Colors

HunterLab(49.6134, -4.8353,
-50.4295)

Have a look what the booklet for
HunterLab(49.6134, -4.8353,
-50.4295) contains.

HunterLab(49.6134, -4.8353, -50.4295)	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(49.6134, -4.8353,
-50.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8EDC
RGB	15, 142, 220
RGB Percent	6%, 56%, 86%
CMY	0.9410, 0.4431, 0.1373
CMYK	0.93, 0.35, 0.00, 0.14
HSL	203°, 87%, 46%
HSV	203°, 93%, 86%
XYZ	22.7883, 24.6149, 71.2603
YIQ	112.9190, -100.7300, -2.6660

Conversions

Conversions Part 2

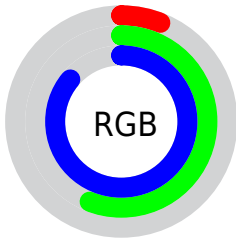
Format	Color
R_{YB}	15, 93, 220
Decimal	1019612
CIE _{Lab}	56.70, -2.73, -48.30
CIE _{LCh}	57, 48.378, 266.760
Yxy	24.6157, 0.1920, 0.2074
Android (android.graphics.Color)	4279209692 (0xFF0F8EDC)
YUV	112.9190, 52.7909, -85.8750
Hunter-Lab	49.6134, -4.8353, -50.4295

Details

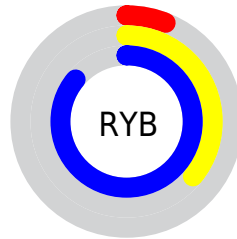
The HunterLab color **49.6134, -4.8353, -50.4295** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **48.0483, 40.4426, 29.7555**, and the grayscale version is **40.4421, -2.1579, 2.1973**.

A 20% lighter version of the original color is **70.2242, -12.2987, -36.8204**, and **32.1475, 2.1988, -44.9282** is the 20% darker color. If you saturate the color by 10%, you get **47.8056, -2.4048, -54.5615**, and if you desaturate by 10%, it is **52.4344, -7.8488, -44.3913**.

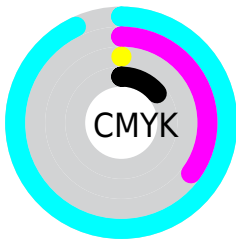
Distribution



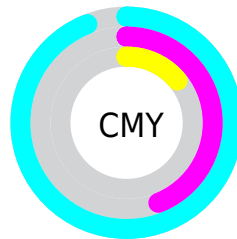
- Red (6%)
- Green (56%)
- Blue (86%)



- Red (6%)
- Yellow (36%)
- Blue (86%)



- Cyan (93%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6134, -4.8353, -50.4295 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 49.6134, -4.8353, -50.4295 by changing the saturation by 10% instead.

■ 49.6134, -4.8353,
-50.4295

■ 49.6134, -4.8353,
-50.4295

166.1079,
-12.1558, -56.4365

■ 39.7378, -4.1483,
-49.8765

■ 71.4374, -6.2870,
-51.8321

■ 30.6208, -3.4892,
-49.5873

■ 83.3033, -7.0524,
-52.5715

■ 22.3326, -2.8567,
-49.8516

■ 95.7620, -7.8431,
-53.2992

■ 14.9663, -2.2488,
-51.3696

■ 108.7864, -8.6585,
-54.0015

■ 8.6118, -1.8436,
-56.6117

■ 122.3530, -9.4980,
-54.6703

0.0000, NaN, -NF

0.0000, NaN, -NF

136.4409,

-10.3611, -55.3006

0.0000, NaN, -NF

151.0314,
-11.2472, -55.8898

0.0000, NaN, NaN

■ 49.6134, -4.8353,
-50.4295

■ 49.6134, -4.8353,
-50.4295

■ 47.8056, -2.4048,
-54.5615

■ 52.4344, -7.8488,
-44.3913

■ 55.5045, -10.0479,
-38.3030

■ 58.8213, -11.4260,
-32.2049

■ 62.3737, -12.0181,
-26.1391

■ 66.1474, -11.8807,
-20.1396

■ 70.1265, -11.0798,
-14.2299

■ 74.2953, -9.6835,
-8.4244

■ 78.6388, -7.7570,
-2.7296

■ 83.1431, -5.3608,
2.8535

Harmonies

Analogous

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



49.6142, -22.2630, -39.4089



49.6134, -4.8353, -50.4295



49.6142, 16.1522, -43.1379

Triad

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



49.6142, -4.8344, -50.4284



49.6142, 37.1806, 16.6652



49.6142, -31.2282, 19.0321

Complementary

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



49.6134, -4.8353, -50.4295



48.0483, 40.4426, 29.7555

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.



49.6142, -19.0117, 25.7142



49.6134, -4.8353, -50.4295



49.6142, 20.5802, 24.7835

Square

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



49.6142, -4.8344, -50.4284



49.6142, 42.5824, 0.5583



49.6142, -0.4270, 27.2924



49.6142, -35.8827, 4.7515

Rectangle

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



49.6134, -4.8353, -50.4295



49.6142, 29.0653, -30.0160



49.6142, -0.4270, 27.2924



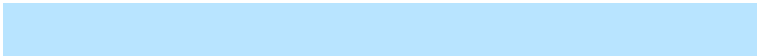
49.6142, -27.9767, 21.9816

Sweetspot

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



49.6142, -4.8344, -50.4284



85.2955, -12.3661, -13.4209



72.1320, -57.8203, 35.4488



38.4793, -6.0235, -7.5964

0.0000, NaN, NaN



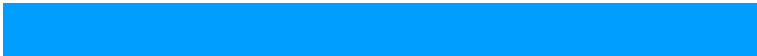
46.2646, -2.4686, 2.5136

Same Dimension

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



49.6142, -4.8344, -50.4284



56.2663, -2.4386, -65.0636



26.3658, 48.3520, -135.1712



37.3547, -3.2166, -0.2946



36.9240, -2.3413, -41.0977



10.2353, -1.9241, -8.6396

Inverse Universe

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



41.8469, 74.2255, -9.1738



48.7105, 88.4829, -7.7854



72.9698, -8.8116, 44.4409



36.3132, 2.2882, 0.3846



31.6229, 57.5394, -5.7993



8.1514, 15.0135, -2.9039

Previews

White Background



This preview shows how the HunterLab color 49.6134, -4.8353, -50.4295 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 49.6134, -4.8353, -50.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

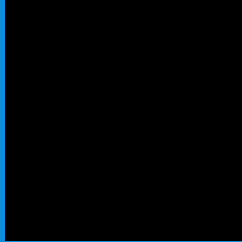
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

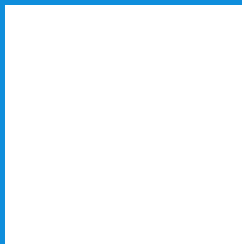
Any Text WCAG AAA × Fail

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

HunterLab 49.6134, -4.8353, -50.4295 Background



This preview shows how black text looks on a background with the HunterLab color 49.6134, -4.8353, -50.4295.



This preview shows how white text looks on a background with the HunterLab color 49.6134, -4.8353, -50.4295.

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

49.6134, -4.8353, -50.4295

Protanopia

49.5910, 7.5753, -43.7791

Deuteranopia

49.6302, 4.4372, -51.8984



Tritanopia

49.3821, -23.7425, -10.4700

Trichromacy



Original Color

49.6134, -4.8353, -50.4295

Protanomaly

48.9194, 1.2979, -47.7524

Deuteranomaly

49.2618, 0.1287, -51.9749

Tritanomaly

49.2718, -17.6112, -23.2016

Monochromacy



Original Color

49.6134, -4.8353, -50.4295

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

42.7318, -8.2138, -15.0291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6134, -4.8353, -50.4295 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(15, 142, 220)` looks like.

```
.text, #text, p{  
    color:rgb(15, 142, 220)  
}
```

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(15, 142, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 142, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6134, -4.8353, -50.4295 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(15, 142, 220) }
```


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

```
.border{ border-color:rgb(15, 142, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 142, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 142, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 142, 220);  
box-shadow:4px 4px 4px 4px rgb(15, 142,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6134, -4.8353, -50.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 142, 220) }
```

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

```
.background{ background-color: rgb(15, 142,  
220) }
```

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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