

Converting Colors

HunterLab(49.8359, -4.7168,
-51.4657)

Have a look what the booklet for
HunterLab(49.8359, -4.7168,
-51.4657) contains.

HunterLab(49.9769, -4.8833, -51.2752)	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(49.9769, -4.8833,
-51.2752)

Conversions

Conversions Part 1

Format	Color
Hex	098FDE
RGB	9, 143, 222
RGB Percent	4%, 56%, 87%
CMY	0.9645, 0.4392, 0.1294
CMYK	0.96, 0.36, 0.00, 0.13
HSL	202°, 92%, 45%
HSV	202°, 96%, 87%
XYZ	23.1199, 24.9769, 72.7097
YIQ	111.9400, -105.2230, -3.8390

Conversions

Conversions Part 2

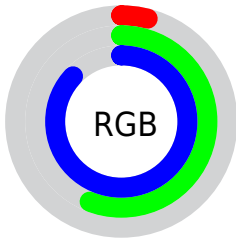
Format	Color
R _Y B	9, 91, 222
Decimal	626654
CIE Lab	57.05, -2.76, -48.86
CIE LCh	57, 48.937, 266.763
Yxy	24.9777, 0.1914, 0.2068
Android (android.graphics.Color)	4278816734 (0xFF098FDE)
YUV	111.9400, 54.2596, -90.2784
Hunter-Lab	49.9769, -4.8833, -51.2752

Details

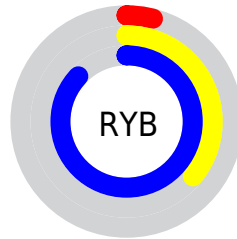
The HunterLab color **49.9769, -4.8833, -51.2752** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **47.4743, 43.5105, 29.6904**, and the grayscale version is **40.0642, -2.1377, 2.1768**.

A 20% lighter version of the original color is **70.5004, -12.9454, -36.3485**, and **32.5298, 2.3206, -45.6688** is the 20% darker color. If you saturate the color by 10%, you get **48.9138, -3.4512, -53.6878**, and if you desaturate by 10%, it is **52.7057, -8.0322, -45.4048**.

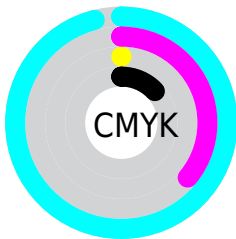
Distribution



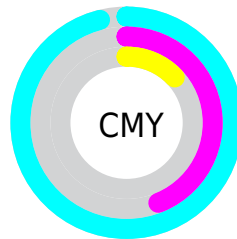
- Red (4%)
- Green (56%)
- Blue (87%)



- Red (4%)
- Yellow (36%)
- Blue (87%)



- Cyan (96%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9769, -4.8833, -51.2752 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 49.9769, -4.8833, -51.2752 by changing the saturation by 10% instead.

■ 49.9769, -4.8833,
-51.2752

■ 49.9769, -4.8833,
-51.2752

166.6514,
-12.2234, -57.3361

■ 40.0755, -4.1936,
-50.7265

■ 71.8478, -6.3399,
-52.6796

■ 30.9304, -3.5317,
-50.4471

■ 83.7352, -7.1076,
-53.4234

■ 22.6114, -2.8962,
-50.7279

■ 96.2144, -7.9005,
-54.1570

■ 15.2105, -2.2852,
-52.2683

■ 109.2584, -8.7181,
-54.8663

■ 8.8368, -1.8348,
-57.3413

■ 122.8438, -9.5597,
-55.5430

0.0000, NaN, -NF

0.0000, NaN, -NF

136.9498,

-10.4248, -56.1819

0.0000, NaN, -NF

151.5579,
-11.3129, -56.7801

0.0000, NaN, NaN

■ 49.9769, -4.8833,
-51.2752

■ 49.9769, -4.8833,
-51.2752

■ 48.9138, -3.4512,
-53.6878

■ 52.7057, -8.0322,
-45.4048

■ 55.6799, -10.3799,
-39.4605

■ 58.9019, -11.9005,
-33.4764

■ 62.3632, -12.6174,
-27.4952

■ 66.0509, -12.5806,
-21.5541

■ 69.9499, -11.8533,
-15.6809

■ 74.0450, -10.5028,
-9.8944

■ 78.3209, -8.5952,
-4.2050

■ 82.7636, -6.1928,
1.3829

Harmonies

Analogous

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



49.9777, -22.5444, -40.0629



49.9769, -4.8833, -51.2752



49.9777, 16.4069, -43.8534

Triad

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



49.9777, -4.8824, -51.2741



49.9777, 37.7535, 16.8645



49.9777, -31.6230, 19.2550

Complementary

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



49.9769, -4.8833, -51.2752



47.4743, 43.5105, 29.6904

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.



49.9777, -19.2541, 25.9970



49.9769, -4.8833, -51.2752



49.9777, 20.8972, 25.0603

Square

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



49.9777, -4.8824, -51.2741



49.9777, 43.2415, 0.5497



49.9777, -0.4171, 27.5855



49.9777, -36.3316, 4.7980

Rectangle

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



49.9769, -4.8833, -51.2752



49.9777, 29.5151, -30.5057



49.9777, -0.4171, 27.5855



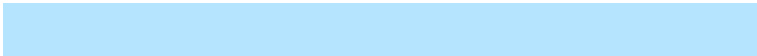
49.9777, -28.3321, 22.2336

Sweetspot

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



49.9777, -4.8824, -51.2741



85.0282, -12.8865, -13.8015



72.7954, -58.8303, 36.4587



38.3869, -6.2705, -7.7328

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9777, -4.8824, -51.2741



57.0088, -3.6721, -63.3291



25.8527, 51.2406, -141.6631



38.3052, -3.3473, -0.2726



37.9878, -3.1350, -40.7138



10.8164, -2.1084, -8.9681

Inverse Universe

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



42.0827, 75.5798, -9.3587



48.7976, 88.7971, -9.0079



73.4567, -8.5589, 44.9040



37.2087, 2.3731, 0.3459



32.1945, 58.6766, -6.6583



8.5765, 15.8090, -3.1516

Previews

White Background



This preview shows how the HunterLab color 49.9769, -4.8833, -51.2752 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 49.9769, -4.8833, -51.2752 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

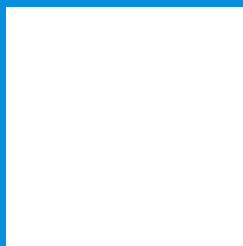
Any Text WCAG AAA × Fail

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

HunterLab 49.9769, -4.8833, -51.2752 Background



This preview shows how black text looks on a background with the HunterLab color 49.9769, -4.8833, -51.2752.



This preview shows how white text looks on a background with the HunterLab color 49.9769, -4.8833, -51.2752.

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

49.9769, -4.8833, -51.2752

Protanopia

49.6420, 7.8441, -44.4588

Deuteranopia

50.0225, 4.5023, -52.6838



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.9769, -4.8833, -51.2752

Protanomaly

49.1821, 0.8143, -47.9975

Deuteranomaly

49.6036, 0.0170, -52.8788

Tritanomaly

49.6587, -17.6030, -23.8512

Monochromacy



Original Color

49.9769, -4.8833, -51.2752

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.3424, -8.1156, -15.6465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9769, -4.8833, -51.2752 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(9, 143, 222)` looks like.

```
.text, #text, p{  
    color:rgb(9, 143, 222)  
}
```

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(9, 143, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 143, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9769, -4.8833, -51.2752 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(9, 143, 222) }
```


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

```
.border{ border-color:rgb(9, 143, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 143, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 143, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 143, 222);  
box-shadow:4px 4px 4px 4px rgb(9, 143,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9769, -4.8833, -51.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 143, 222) }
```

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

```
.background{ background-color: rgb(9, 143,  
222) }
```

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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