

Converting Colors

HunterLab(49.6507, 2.1813,
-9.0755)

Have a look what the booklet for
HunterLab(49.6507, 2.1813, -9.0755)
contains.

HunterLab(49.7385, 2.1815, -8.9575)	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(49.7385, 2.1815,
-8.9575)**

Conversions

Conversions Part 1

Format	Color
Hex	8786A0
RGB	135, 134, 160
RGB Percent	53%, 53%, 63%
CMY	0.4706, 0.4745, 0.3725
CMYK	0.16, 0.16, 0.00, 0.37
HSL	242°, 12%, 58%
HSV	242°, 16%, 63%
XYZ	24.8620, 24.7392, 36.7225
YIQ	137.2630, -7.7500, 8.2980

Conversions

Conversions Part 2

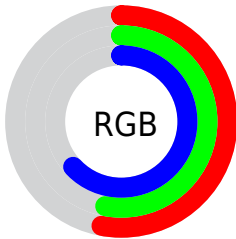
Format	Color
R_{YB}	135, 134, 160
Decimal	8881824
CIE Lab	56.82, 5.89, -13.66
CIE LCh	57, 14.876, 293.309
Yxy	24.7402, 0.2880, 0.2866
Android (android.graphics.Color)	4287071904 (0xFF8786A0)
YUV	137.2630, 11.2093, -1.9847
Hunter-Lab	49.7385, 2.1815, -8.9575

Details

The HunterLab color $49.7385, 2.1815, -8.9575$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $58.5102, -7.2924, 13.0700$, and the grayscale version is $50.0804, -2.6722, 2.7210$.

A 20% lighter version of the original color is $71.5111, 1.5963, -9.2103$, and $30.5854, 2.6390, -8.6095$ is the 20% darker color. If you saturate the color by 10%, you get $44.1150, 5.8139, -17.4131$, and if you desaturate by 10%, it is $55.5632, -1.1763, -1.2717$.

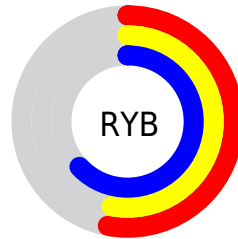
Distribution



Red (53%)

Green (53%)

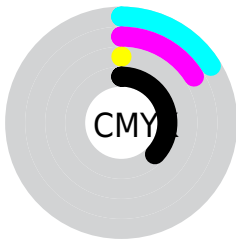
Blue (63%)



Red (53%)

Yellow (53%)

Blue (63%)

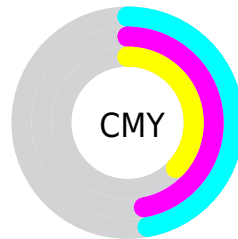


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (47%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7385, 2.1815, -8.9575 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 49.7385, 2.1815, -8.9575 by changing the saturation by 10% instead.

■ 49.7385, 2.1815,
-8.9575

■ 49.7385, 2.1815,
-8.9575

166.2954, -1.7232,
-7.3970

■ 39.8542, 2.3775,
-8.8460

■ 71.5789, 1.6162,
-8.9770

■ 30.7276, 2.5077,
-8.6609

■ 83.4523, 1.2594,
-8.8974

■ 22.4287, 2.5600,
-8.3963

■ 95.9180, 0.8581,
-8.7638

■ 15.0504, 2.5179,
-8.0535

108.9492, 0.4154,
-8.5797

■ 8.6901, 2.4906,
-7.7489

122.5223, -0.0661,
-8.3484

0.0000, NaN, -NF

0.0000, NaN, NaN

136.6165, -0.5842,

-8.0727

0.0000, NaN, NaN

151.2131, -1.1372,
-7.7548

0.0000, NaN, NaN

■ 49.7385, 2.1815,
-8.9575

■ 49.7385, 2.1815,
-8.9575

■ 44.1150, 5.8139,
-17.4131

■ 55.5632, -1.1763,
-1.2717

■ 38.7277, 9.8101,
-26.8809

■ 61.5583, -4.3229,
5.8236

■ 33.6308, 14.2758,
-37.6598

■ 67.7040, -7.3094,
12.4660

■ 28.9020, 19.3231,
-50.0786

■ 73.9842, -10.1734,
18.7580

■ 24.6545, 25.0108,
-64.3503

■ 80.3863, -12.9431,
24.7771

■ 21.0508, 31.1808,
-80.1546

■ 86.8999, -15.6402,
30.5822

■ 18.3008, 37.1493,
-95.8209

■ 93.5165, -18.2813,
36.2185

■ 16.5710, 41.6734,
-108.0551

■ 97.6310, -18.4730,
39.6392

■ 16.0554, 43.3032,
-112.1655

Harmonies

Analogous

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



49.7395, -4.0468, -10.0147



49.7385, 2.1815, -8.9575



49.7395, 7.3347, -4.6063

Triad

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



49.7395, 2.1806, -8.9565



49.7395, 4.7172, 11.0177



49.7395, -14.0210, 4.0190

Complementary

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



49.7385, 2.1815, -8.9575



58.5102, -7.2924, 13.0700

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.



49.7395, -11.9167, 9.0556



49.7385, 2.1815, -8.9575



49.7395, -1.2510, 12.7617

Square

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



49.7395, 2.1806, -8.9565



49.7395, 8.8489, 7.0153



49.7395, -7.3158, 12.0903



49.7395, -13.2030, -2.0239

Rectangle

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



49.7385, 2.1815, -8.9575



49.7395, 9.3657, -0.6834



49.7395, -7.3158, 12.0903



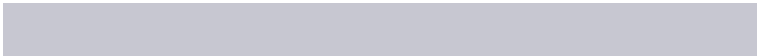
49.7395, -13.6355, 5.8752

Sweetspot

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



49.7395, 2.1806, -8.9565



75.7896, -2.0864, -0.5756



56.9642, -10.0725, 0.3087



35.2471, -0.8433, -0.5732



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.7395, 2.1806, -8.9565



64.6289, 4.4199, -15.4967



50.8653, 5.9456, -7.3195



25.3906, -0.0932, -1.6516



14.1863, 38.2308, -98.8655



1.9785, 5.1749, -12.5721

Inverse Universe

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



51.9885, 9.5555, -5.2064



68.2768, 16.2340, -9.2256



57.4340, -11.1495, 11.9111



25.9811, 1.8916, -0.7278



27.6351, 53.8942, -33.0587



3.7117, 7.2637, -4.6342

Previews

White Background



This preview shows how the HunterLab color 49.7385, 2.1815, -8.9575 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 49.7385, 2.1815, -8.9575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

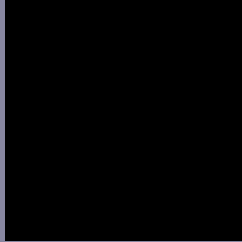
Any Text WCAG AA ✓ Pass

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 49.7385, 2.1815, -8.9575 Background



This preview shows how black text looks on a background with the HunterLab color 49.7385, 2.1815, -8.9575.



This preview shows how white text looks on a background with the HunterLab color 49.7385, 2.1815, -8.9575.

-8.9575.

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

49.7385, 2.1815, -8.9575

Protanopia

49.7257, 0.7734, -9.5493

Deuteranopia

49.7156, 3.5264, -8.9664



Tritanopia

49.7006, -1.7010, -2.3343

Trichromacy



Original Color

49.7385, 2.1815, -8.9575

Protanomaly

49.8063, 1.0480, -9.4298

Deuteranomaly

49.6301, 3.2395, -9.0923

Tritanomaly

49.6621, -0.0600, -4.8642

Monochromacy



Original Color

49.7385, 2.1815, -8.9575

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.8868, -1.1828, -1.1181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7385, 2.1815, -8.9575 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(135, 134, 160)` looks like.

```
.text, #text, p{  
    color:rgb(135, 134, 160)  
}
```

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(135, 134, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 134, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7385, 2.1815, -8.9575 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(135, 134, 160) }
```


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

```
.border{ border-color:rgb(135, 134, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 134, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 134, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 134, 160);  
box-shadow:4px 4px 4px 4px rgb(135, 134,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7385, 2.1815, -8.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 134, 160) }
```

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

```
.background{ background-color: rgb(135,  
134, 160) }
```

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