

Converting Colors

HunterLab(49.1257, 4.8583,
-35.5935)

Have a look what the booklet for
HunterLab(49.1257, 4.8583,
-35.5935) contains.

HunterLab(49.1257, 4.8583, -35.5935)	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(49.1257, 4.8583,
-35.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	6C85C8
RGB	108, 133, 200
RGB Percent	42%, 52%, 78%
CMY	0.5765, 0.4784, 0.2157
CMYK	0.46, 0.33, 0.00, 0.22
HSL	224°, 46%, 60%
HSV	224°, 46%, 78%
XYZ	24.9972, 24.1333, 57.9843
YIQ	133.1630, -36.4070, 15.5370

Conversions

Conversions Part 2

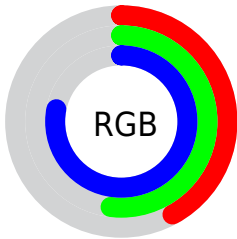
Format	Color
R_{YB}	108, 128, 200
Decimal	7112136
CIE Lab	56.22, 9.05, -37.59
CIE LCh	56, 38.665, 283.536
Yxy	24.1342, 0.2334, 0.2253
Android (android.graphics.Color)	4285302216 (0xFF6C85C8)
YUV	133.1630, 32.9506, -22.0680
Hunter-Lab	49.1257, 4.8583, -35.5935

Details

The HunterLab color $49.1257, 4.8583, -35.5935$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $66.3501, -3.5053, 28.1445$, and the grayscale version is $48.3801, -2.5814, 2.6286$.

A 20% lighter version of the original color is $70.7985, 3.9625, -35.5338$, and $30.2424, 4.7697, -34.5951$ is the 20% darker color. If you saturate the color by 10%, you get $43.9375, 8.3437, -46.5175$, and if you desaturate by 10%, it is $54.5931, 2.0620, -25.6692$.

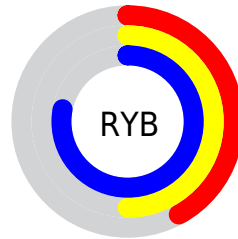
Distribution



Red (42%)

Green (52%)

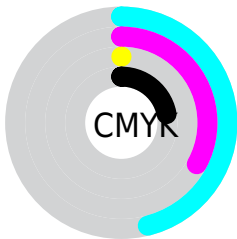
Blue (78%)



Red (42%)

Yellow (50%)

Blue (78%)

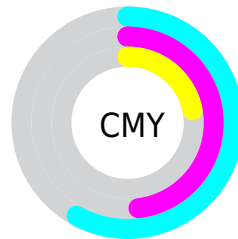


Cyan (46%)

Magenta (33%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (48%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1257, 4.8583, -35.5935 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 49.1257, 4.8583, -35.5935 by changing the saturation by 10% instead.

■ 49.1257, 4.8583,
-35.5935

■ 49.1257, 4.8583,
-35.5935

165.3779, 2.2025,
-40.0903

■ 39.2851, 4.8788,
-34.9549

■ 70.8866, 4.6162,
-36.8766

■ 30.2059, 4.8195,
-34.3962

■ 82.7235, 4.4082,
-37.4753

■ 21.9594, 4.6658,
-34.0589

■ 95.1546, 4.1491,
-38.0310

■ 14.6400, 4.3965,
-34.2981

■ 108.1525, 3.8428,
-38.5399

■ 8.2994, 4.3178,
-36.7125

121.6937, 3.4924,
-39.0003

0.0000, NaN, -NF

0.0000, NaN, -NF

135.7572, 3.1007,

-39.4117

0.0000, NaN, NaN

150.3242, 2.6701,
-39.7747

0.0000, NaN, NaN

■ 49.1257, 4.8583,
-35.5935

■ 49.1257, 4.8583,
-35.5935

■ 43.9375, 8.3437,
-46.5175

■ 54.5931, 2.0620,
-25.6692

■ 39.0819, 12.6628,
-58.5951

■ 60.2943, -0.1732,
-16.5838

■ 34.6329, 17.9527,
-71.8934

■ 66.1973, -1.9526,
-8.1860

■ 30.6823, 24.2796,
-86.2618

■ 72.2766, -3.3605,
-0.3480

■ 27.3347, 31.5099,
-101.1300

■ 78.5120, -4.4636,
7.0350

■ 26.1549, 34.4927,
-107.1512

■ 84.8876, -5.3142,
14.0480

■ 91.3902, -5.9541,
20.7593

■ 96.6992, -11.0200,
25.8883

■ 98.4633, -13.8208,
27.5265

Harmonies

Analogous

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



49.1266, -11.1197, -34.9320



49.1257, 4.8583, -35.5935



49.1266, 20.6505, -23.9261

Triad

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



49.1266, 4.8583, -35.5923



49.1266, 21.9786, 18.9816



49.1266, -29.0004, 10.3320

Complementary

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



49.1257, 4.8583, -35.5935



66.3501, -3.5053, 28.1445

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.



49.1266, -22.2380, 19.6320



49.1257, 4.8583, -35.5935



49.1266, 6.4916, 23.4068

Square

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



49.1266, 4.8583, -35.5923



49.1266, 31.3630, 9.0984



49.1266, -9.6835, 23.5983



49.1266, -29.3186, -4.7553

Rectangle

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



49.1257, 4.8583, -35.5935



49.1266, 28.3843, -12.3975



49.1266, -9.6835, 23.5983



49.1266, -27.4494, 14.1020

Sweetspot

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



49.1266, 4.8583, -35.5923



88.5244, -2.9354, -8.8675



68.9571, -31.4393, 7.5386



40.1551, -1.1508, -5.1763

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1266, 4.8583, -35.5923



57.9521, 10.8720, -60.8917



44.1367, 22.5771, -45.8128



32.7852, -1.3644, -1.3739



21.1631, 26.5812, -83.8331



5.7977, 2.7593, -13.2032

Inverse Universe

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



49.6981, 33.0497, 4.7283



59.7995, 53.7947, 7.9699



72.1825, -21.9639, 32.4397



32.6856, 1.5087, 1.7142



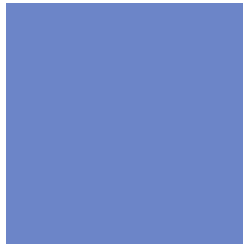
28.2703, 49.0663, 13.2098



6.2526, 11.0478, 1.4048

Previews

White Background



This preview shows how the HunterLab color 49.1257, 4.8583, -35.5935 looks on a white background.

Color Contrast Check

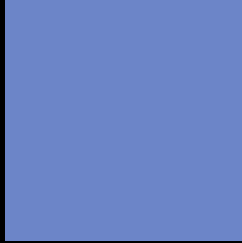
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1257, 4.8583, -35.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

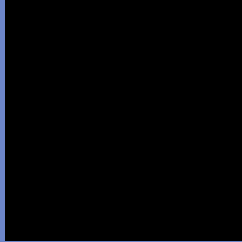
Any Text WCAG AA ✓ Pass

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 49.1257, 4.8583, -35.5935 Background



This preview shows how black text looks on a background with the HunterLab color 49.1257, 4.8583, -35.5935.

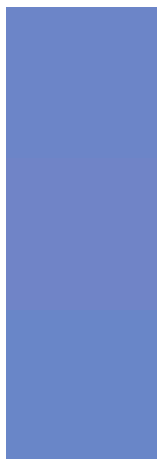


This preview shows how white text looks on a background with the HunterLab color 49.1257, 4.8583, -35.5935.

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

49.1257, 4.8583, -35.5935

Protanopia

49.0620, 5.9789, -34.9607

Deuteranopia

49.2175, 3.7265, -35.4338



Tritanopia

49.1040, -12.4110, -6.8733

Trichromacy



Original Color

49.1257, 4.8583, -35.5935

Protanomaly

48.9955, 5.7590, -35.0942

Deuteranomaly

49.2793, 3.9335, -35.3095

Tritanomaly

49.1069, -6.5544, -16.3729

Monochromacy



Original Color

49.1257, 4.8583, -35.5935

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.4711, -0.9143, -9.1664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1257, 4.8583, -35.5935 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(108, 133, 200)` looks like.

```
.text, #text, p{  
    color:rgb(108, 133, 200)  
}
```

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(108, 133, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 133, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1257, 4.8583, -35.5935 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(108, 133, 200) }
```


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

```
.border{ border-color:rgb(108, 133, 200) }
```

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

Here you see how a box with a 4 pixel rgb(108, 133, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 133, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 133, 200);  
box-shadow:4px 4px 4px 4px rgb(108, 133,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1257, 4.8583, -35.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 133, 200) }
```

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

```
.background{ background-color: rgb(108,  
133, 200) }
```

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