

Converting Colors

HunterLab(50.3297, -5.9550,
6.7285)

Have a look what the booklet for
HunterLab(50.3297, -5.9550, 6.7285)
contains.

HunterLab(50.4634, -6.0140, 6.9959)	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(50.4634, -6.0140,
6.9959)**

Conversions

Conversions Part 1

Format	Color
Hex	878C80
RGB	135, 140, 128
RGB Percent	53%, 55%, 50%
CMY	0.4706, 0.4510, 0.4980
CMYK	0.04, 0.00, 0.09, 0.45
HSL	85°, 5%, 53%
HSV	85°, 9%, 55%
XYZ	23.2660, 25.4655, 24.1112
YIQ	137.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

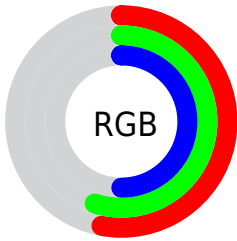
Format	Color
R_{YB}	128, 140, 133
Decimal	8883328
CIE Lab	57.53, -4.15, 5.77
CIE LCh	58, 7.108, 125.723
Yxy	25.4666, 0.3194, 0.3496
Android (android.graphics.Color)	4287073408 (0xFF878C80)
YUV	137.1370, -4.5045, -1.8741
Hunter-Lab	50.4634, -6.0140, 6.9959

Details

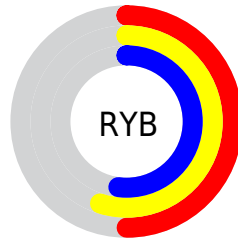
The HunterLab color $50.4634, -6.0140, 6.9959$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.2430, 0.9266, -2.0122$, and the grayscale version is $50.0883, -2.6726, 2.7214$.

A 20% lighter version of the original color is $72.5335, -7.8952, 8.8224$, and $31.3179, -4.5714, 5.2140$ is the 20% darker color. If you saturate the color by 10%, you get $49.6509, -9.6151, 11.4159$, and if you desaturate by 10%, it is $51.3406, -2.1691, 2.0436$.

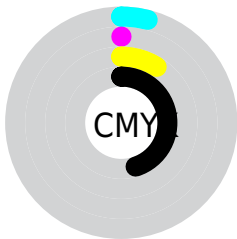
Distribution



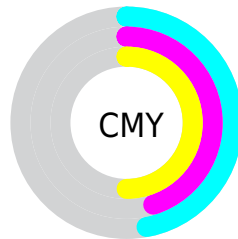
- Red (53%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (52%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4634, -6.0140, 6.9959 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 50.4634, -6.0140, 6.9959 by changing the saturation by 10% instead.

■ 50.4634, -6.0140,
6.9959

■ 50.4634, -6.0140,
6.9959

167.3780,
-13.9267, 15.6111

■ 40.5278, -5.2441,
6.1275

■ 72.3970, -7.6216,
8.7813

■ 31.3456, -4.4929,
5.2699

■ 84.3132, -8.4576,
9.6999

■ 22.9856, -3.7589,
4.4179

■ 96.8196, -9.3156,
10.6372

■ 15.5386, -3.0367,
3.5602

109.8898,
-10.1953, 11.5936

■ 9.1286, -2.4688,
3.1174

123.5003,
-11.0966, 12.5691

0.0000, NaN, NaN

137.6305,

0.0000, NaN, NaN

-12.0191, 13.5639

0.0000, NaN, NaN

152.2620,
-12.9626, 14.5779

0.0000, NaN, NaN

■ 50.4634, -6.0140,
6.9959

■ 50.4634, -6.0140,
6.9959

■ 49.6509, -9.6151,
11.4159

■ 51.3406, -2.1691,
2.0436

■ 48.9005, -12.9556,
15.2871

■ 52.2783, 1.9085,
-3.4248

■ 48.2134, -16.0253,
18.6015

■ 53.2766, 6.2020,
-9.3865

■ 47.5893, -18.8155,
21.3567

■ 54.3340, 10.6955,
-15.8176

■ 47.0276, -21.3208,
23.5583

■ 55.4491, 15.3730,
-22.6921

■ 46.5270, -23.5399,
25.2212

■ 56.6201, 20.2188,
-29.9837

■ 46.0854, -25.4765,
26.3715

■ 57.8454, 25.2178,
-37.6655

■ 45.6998, -27.1407,
27.0490

■ 59.1231, 30.3553,
-45.7110

■ 45.3619, -28.5775,
27.3765

■ 60.4514, 35.6180,
-54.0945

Harmonies

Analogous

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



50.4645, -3.2686, 7.9013



50.4634, -6.0140, 6.9959



50.4645, -7.8403, 4.9486

Triad

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



50.4645, -6.0152, 6.9966



50.4645, -5.0422, -2.5085



50.4645, 3.1658, 3.2904

Complementary

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



50.4634, -6.0140, 6.9959



47.2430, 0.9266, -2.0122

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.



50.4645, 2.6643, 0.4414



50.4634, -6.0140, 6.9959



50.4645, -2.1196, -3.0160

Square

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



50.4645, -6.0152, 6.9966



50.4645, -7.2878, -0.5588



50.4645, 0.7126, -1.9079



50.4645, 2.0674, 5.8431

Rectangle

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



50.4634, -6.0140, 6.9959



50.4645, -8.3128, 3.1539



50.4645, 0.7126, -1.9079



50.4645, 3.1791, 2.3365

Sweetspot

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



50.4645, -6.0152, 6.9966



67.6357, -5.2124, 5.7527



48.8978, -1.2453, 5.3459



32.4247, -2.6872, 2.9999



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



50.4645, -6.0152, 6.9966



66.8223, -8.7926, 10.3001



49.9829, -7.7305, 6.4387



23.9641, -2.9594, 3.4516



42.7286, -27.0668, 25.8553



3.6042, -1.7221, 2.1908

Inverse Universe

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



47.2430, 0.9266, -2.0122



61.7366, 2.1695, -3.9297



47.7718, 2.7173, -1.3104



22.3326, 0.5567, -1.1118



15.8186, 37.7252, -72.2223



1.5778, 3.4103, -4.4715

Previews

White Background



This preview shows how the HunterLab color 50.4634, -6.0140, 6.9959 looks on a white background.

Color Contrast Check

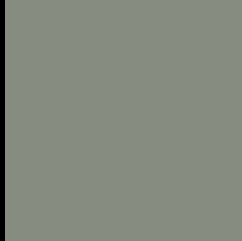
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4634, -6.0140, 6.9959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

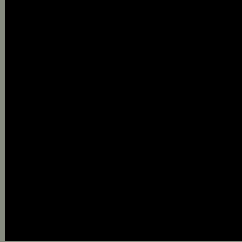
Any Text WCAG AA ✓ Pass

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 50.4634, -6.0140, 6.9959 Background



This preview shows how black text looks on a background with the HunterLab color 50.4634, -6.0140, 6.9959.



This preview shows how white text looks on a background with the HunterLab color 50.4634, -6.0140,

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

50.4634, -6.0140, 6.9959

Protanopia

50.5459, -2.8287, 7.5445

Deuteranopia

50.3275, 3.6730, 6.6084



Tritanopia

50.4309, -0.5728, -1.8735

Trichromacy



Original Color

50.4634, -6.0140, 6.9959

Protanomaly

50.5697, -4.2109, 7.5461

Deuteranomaly

50.4868, -0.0356, 6.7189

Tritanomaly

50.4167, -2.5041, 1.3883

Monochromacy



Original Color

50.4634, -6.0140, 6.9959

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.1323, -3.8979, 4.1487

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4634, -6.0140, 6.9959 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, 140, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 140, 128)  
}
```

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, 140, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 140, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4634, -6.0140, 6.9959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

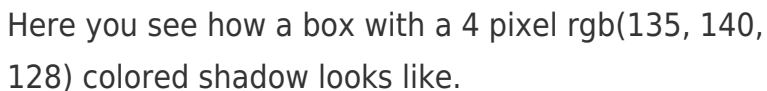
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 140, 128) }
```


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

```
.border{ border-color:rgb(135, 140, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 140, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 140, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 140, 128); box-shadow:4px 4px 4px 4px rgb(135, 140, 128) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4634, -6.0140, 6.9959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 140, 128) }
```

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

```
.background{ background-color: rgb(135,  
140, 128) }
```

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