

Converting Colors

HunterLab(34.4978, -1.8825,
8.6350)

Have a look what the booklet for
HunterLab(34.4978, -1.8825, 8.6350)
contains.

HunterLab(34.4577, -1.7480, 8.4741)	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(34.4577, -1.7480,
8.4741)

Conversions

Conversions Part 1

Format	Color
Hex	68604F
RGB	104, 96, 79
RGB Percent	41%, 38%, 31%
CMY	0.5922, 0.6235, 0.6902
CMYK	0.00, 0.08, 0.24, 0.59
HSL	41°, 14%, 36%
HSV	41°, 24%, 41%
XYZ	11.3031, 11.8733, 9.0932
YIQ	96.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

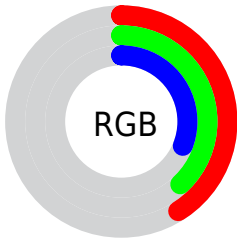
Format	Color
R_{YB}	91, 104, 79
Decimal	6840399
CIE _{Lab}	41.01, 0.13, 10.88
CIE _{LCh}	41, 10.881, 89.326
Yxy	11.8739, 0.3503, 0.3679
Android (android.graphics.Color)	4285030479 (0xFF68604F)
YUV	96.4540, -8.6048, 6.6178
Hunter-Lab	34.4577, -1.7480, 8.4741

Details

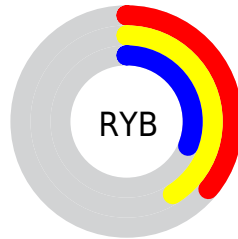
The HunterLab color $[34.4577, -1.7480, 8.4741]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[30.7862, -0.9322, -6.2686]$, and the grayscale version is $[34.3995, -1.8355, 1.8690]$.

A 20% lighter version of the original color is $[53.9304, -2.7201, 10.7324]$, and $[18.0898, -0.7591, 5.9219]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.3762, -1.4149, 10.6549]$, and if you desaturate by 10%, it is $[35.5773, -1.9420, 5.9905]$.

Distribution



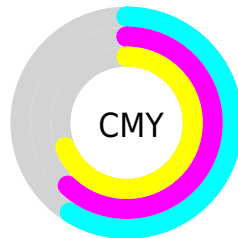
- Red (41%)
- Green (38%)
- Blue (31%)



- Red (36%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4577, -1.7480, 8.4741 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 34.4577, -1.7480, 8.4741 by changing the saturation by 10% instead.

■ 34.4577, -1.7480,
8.4741

■ 34.4577, -1.7480,
8.4741

■ 142.6774, -7.4738,
19.1252

■ 25.8028, -1.2951,
7.2518

■ 54.0973, -2.7832,
10.8450

■ 18.0251, -0.8891,
5.9756

■ 64.9686, -3.3571,
12.0155

■ 11.2388, -0.5373,
4.8755

■ 76.4841, -3.9659,
13.1850

■ 3.3520, -0.0126,
2.3464

■ 88.6094, -4.6075,
14.3576

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.3153, -5.2804,
15.5360

0.0000, NaN, NaN

114.5764, -5.9833,

0.0000, NaN, NaN

16.7225

0.0000, NaN, NaN

128.3704, -6.7147,
17.9185

■ 34.4577, -1.7480,
8.4741

■ 34.4577, -1.7480,
8.4741

■ 33.3762, -1.4149,
10.6549

■ 35.5773, -1.9420,
5.9905

■ 32.3320, -0.9348,
12.5166

■ 36.7310, -1.9992,
3.2186

■ 31.3271, -0.3053,
14.0467

■ 37.9183, -1.9268,
0.1752

■ 30.3630, 0.4752,
15.2353

■ 39.1376, -1.7312,
-3.1235

■ 29.4404, 1.4063,
16.0774

■ 40.3874, -1.4188,
-6.6615

■ 28.5601, 2.4838,
16.5749

■ 41.6663, -0.9960,
-10.4238

■ 27.7204, 3.6906,
16.7650

■ 42.9730, -0.4690,
-14.3958

■ 27.2311, 4.4257,
16.8571

■ 44.3062, 0.1559,
-18.5640

■ 45.6647, 0.8732,
-22.9155

Harmonies

Analogous

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



34.4585, 2.2111, 7.6433



34.4577, -1.7480, 8.4741



34.4585, -5.5618, 7.7143

Triad

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



34.4585, -1.7491, 8.4746



34.4585, -8.3525, -1.9419



34.4585, 5.0957, -2.1095

Complementary

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



34.4577, -1.7480, 8.4741



30.7862, -0.9322, -6.2686

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.



34.4585, 2.0458, -5.2059



34.4577, -1.7480, 8.4741



34.4585, -5.7131, -5.1016

Square

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



34.4585, -1.7491, 8.4746



34.4585, -9.2664, 1.9625



34.4585, -1.9318, -6.3582



34.4585, 6.2729, 1.7886

Rectangle

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



34.4577, -1.7480, 8.4741



34.4585, -7.5342, 6.3511



34.4585, -1.9318, -6.3582



34.4585, 4.2488, -3.2944

Sweetspot

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



34.4585, -1.7491, 8.4746



48.1641, -2.6430, 5.4630



30.3789, 6.9991, 1.1039



23.7639, -1.3047, 2.7621



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



34.4585, -1.7491, 8.4746



44.8072, -2.0842, 12.9442



36.2837, -6.4353, 10.1575



17.6857, -0.9722, 2.2502



30.1372, 5.0953, 18.6596



67.6335, 13.9048, 41.9189

Inverse Universe

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



30.7862, -0.9322, -6.2686



38.8171, -0.7097, -11.1891



29.0486, 3.7120, -8.7668



17.0098, -0.8284, -0.4501



15.9284, 13.9552, -50.0343



34.3560, 37.3119, -123.4877

Previews

White Background



This preview shows how the HunterLab color 34.4577, -1.7480, 8.4741 looks on a white 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

Black Background



This preview shows how the HunterLab color 34.4577, -1.7480, 8.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

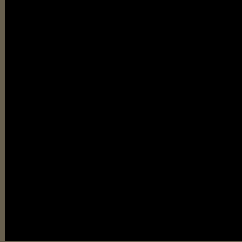
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 34.4577, -1.7480, 8.4741 Background



This preview shows how black text looks on a background with the HunterLab color 34.4577, -1.7480, 8.4741.



This preview shows how white text looks on a background with the HunterLab color 34.4577, -1.7480,

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

34.4577, -1.7480, 8.4741

Protanopia

34.5524, -2.7851, 8.5492

Deuteranopia

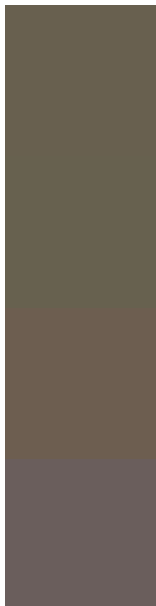
34.4277, 2.1993, 8.1825



Tritanopia

34.4595, 3.2957, 0.5473

Trichromacy



Original Color

34.4577, -1.7480, 8.4741

Protanomaly

34.6374, -2.4877, 8.6379

Deuteranomaly

34.4032, 0.7970, 8.1336

Tritanomaly

34.4126, 1.3914, 3.7844

Monochromacy



Original Color

34.4577, -1.7480, 8.4741

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.2879, -1.8332, 4.3698

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4577, -1.7480, 8.4741 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(104, 96, 79)` looks like.

```
.text, #text, p{  
    color:rgb(104, 96, 79)  
}
```

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(104, 96, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 96, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4577, -1.7480, 8.4741 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(104, 96, 79) }
```


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

```
.border{ border-color:rgb(104, 96, 79) }
```

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

Here you see how a box with a 4 pixel rgb(104, 96, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 96, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 96, 79);  
box-shadow:4px 4px 4px 4px rgb(104, 96,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.4577, -1.7480, 8.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 96, 79) }
```

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

```
.background{ background-color: rgb(104, 96,  
79) }
```

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