

Converting Colors

HunterLab(34.3916, -11.2081,
15.3960)

Have a look what the booklet for
HunterLab(34.3916, -11.2081,
15.3960) contains.

HunterLab(34.4594, -11.1404, 15.4489)	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(34.4594,
-11.1404, 15.4489)**

Conversions

Conversions Part 1

Format	Color
Hex	596634
RGB	89, 102, 52
RGB Percent	35%, 40%, 20%
CMY	0.6510, 0.6000, 0.7961
CMYK	0.13, 0.00, 0.49, 0.60
HSL	76°, 32%, 30%
HSV	76°, 49%, 40%
XYZ	9.4910, 11.8745, 5.0406
YIQ	92.4130, 8.3020, -18.3060

Conversions

Conversions Part 2

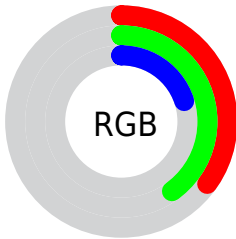
Format	Color
RYB	52, 102, 65
Decimal	5858868
CIELab	41.02, -13.79, 26.49
CIELCh	41, 29.866, 117.503
Yxy	11.8750, 0.3594, 0.4497
Android (android.graphics.Color)	4284048948 (0xFF596634)
YUV	92.4130, -19.9236, -2.9932
Hunter-Lab	34.4594, -11.1404, 15.4489

Details

The HunterLab color $[34.4594, -11.1404, 15.4489]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[21.3059, 11.3629, -21.6552]$, and the grayscale version is $[32.9373, -1.7575, 1.7895]$.

A 20% lighter version of the original color is $[54.1092, -13.8462, 19.8884]$, and $[17.9938, -8.1382, 10.3775]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.1525, -12.5408, 17.0547]$, and if you desaturate by 10%, it is $[34.8005, -9.5793, 13.4621]$.

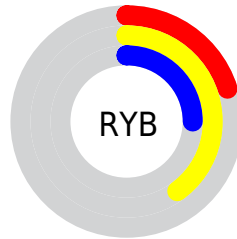
Distribution



 Red (35%)

 Green (40%)

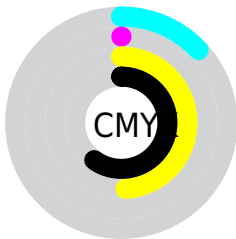
 Blue (20%)




 Red (20%)

 Yellow (40%)

 Blue (25%)

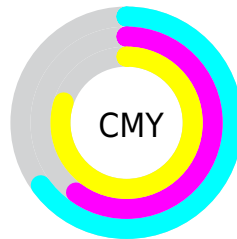


 Cyan (13%)


 Magenta (0%)

 Yellow (49%)

 Black (60%)



 Cyan (65%)

 Magenta (60%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4594, -11.1404, 15.4489 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 34.4594, -11.1404, 15.4489 by changing the saturation by 10% instead.

■ 34.4594, -11.1404,
15.4489

■ 34.4594, -11.1404,
15.4489

142.6801,
-23.0845, 33.7323

■ 25.8043, -9.7219,
12.9804

■ 54.0993, -13.8604,
19.9542

■ 18.0265, -8.2278,
10.3777

■ 64.9707, -15.1881,
22.0621

■ 11.2399, -6.6072,
7.8680

■ 76.4863, -16.5057,
24.1037

■ 3.3551, -5.8714,
2.3486

■ 88.6117, -17.8185,
26.0942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.3177,
-19.1302, 28.0445

0.0000, NaN, NaN

■ 114.5789,

0.0000, NaN, NaN

-20.4437, 29.9635

0.0000, NaN, NaN

128.3730,
-21.7613, 31.8576

■ 34.4594, -11.1404,
15.4489

■ 34.4594, -11.1404,
15.4489

■ 34.1525, -12.5408,
17.0547

■ 34.8005, -9.5793,
13.4621

■ 33.8765, -13.7802,
18.2911

■ 35.1742, -7.8543,
11.0862

■ 33.6305, -14.8648,
19.1773

■ 35.5819, -5.9677,
8.3184

■ 33.4127, -15.8028,
19.7394

■ 36.0239, -3.9224,
5.1602

■ 33.2132, -16.6505,
20.1231

■ 36.5003, -1.7227,
1.6162

■ 33.1940, -16.7326,
20.1611

■ 37.0111, 0.6261,
-2.3059

■ 37.5560, 3.1178,
-6.5961

■ 38.1347, 5.7456,
-11.2421

■ 38.7468, 8.5023,
-16.2302

Harmonies

Analogous

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



34.4602, -0.9069, 16.6061



34.4594, -11.1404, 15.4489



34.4602, -18.0379, 11.0878

Triad

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



34.4602, -11.1413, 15.4492



34.4602, -12.5606, -19.9814



34.4602, 22.1436, 0.9806

Complementary

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



34.4594, -11.1404, 15.4489



21.3059, 11.3629, -21.6552

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.



34.4602, 18.0419, -10.8924



34.4594, -11.1404, 15.4489



34.4602, -2.7644, -25.1512

Square

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



34.4602, -11.1413, 15.4492



34.4602, -18.7816, -8.8625



34.4602, 8.5650, -21.3904



34.4602, 19.1762, 9.9868

Rectangle

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



34.4594, -11.1404, 15.4489



34.4602, -20.2787, 5.9812



34.4602, 8.5650, -21.3904



34.4602, 21.5354, -2.8066

Sweetspot

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



34.4602, -11.1413, 15.4492



47.3248, -6.9545, 9.5740



26.0701, 8.8888, 8.8309



22.9448, -3.5680, 4.9408



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



34.4602, -11.1413, 15.4492



45.1631, -16.8966, 22.8924



32.9516, -16.9367, 14.1622



17.9832, -1.9474, 2.5593



37.5920, -19.0604, 22.8304



85.5963, -44.5326, 51.9644

Inverse Universe

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



21.3059, 11.3629, -21.6552



24.1643, 19.9203, -38.8530



23.5886, 17.7035, -16.7522



16.7180, 0.1415, -0.8034



12.2706, 31.0542, -69.9027



27.3541, 70.3353, -164.4199

Previews

White Background



This preview shows how the HunterLab color 34.4594, -11.1404, 15.4489 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 34.4594, -11.1404, 15.4489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

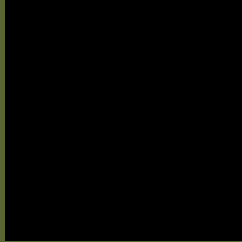
Any Text WCAG AA × Fail

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 34.4594, -11.1404, 15.4489 Background



This preview shows how black text looks on a background with the HunterLab color 34.4594, -11.1404, 15.4489.



This preview shows how white text looks on a background with the HunterLab color 34.4594,

-11.1404, 15.4489.

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

34.4594, -11.1404, 15.4489

Protanopia

34.5043, -3.9224, 16.0075

Deuteranopia

34.3106, 2.1999, 15.1497



Tritanopia

34.3484, -0.8622, -1.4565

Trichromacy



Original Color

34.4594, -11.1404, 15.4489

Protanomaly

34.4558, -6.8607, 15.7220

Deuteranomaly

34.2762, -3.2774, 15.2373

Tritanomaly

34.2321, -5.0426, 6.1201

Monochromacy



Original Color

34.4594, -11.1404, 15.4489

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.3552, -5.7301, 7.9726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4594, -11.1404, 15.4489 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(89, 102, 52)` looks like.

```
.text, #text, p{  
    color:rgb(89, 102, 52)  
}
```

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(89, 102, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 102, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4594, -11.1404, 15.4489 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(89, 102, 52) }
```


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

```
.border{ border-color:rgb(89, 102, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 102, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 102, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 102, 52);  
box-shadow:4px 4px 4px 4px rgb(89, 102,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.4594, -11.1404, 15.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 102, 52) }
```

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

```
.background{ background-color: rgb(89, 102,  
52) }
```

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