

Converting Colors

HunterLab(33.9140, 11.4951,
8.2661)

Have a look what the booklet for
HunterLab(33.9140, 11.4951,
8.2661) contains.

HunterLab(33.9033, 11.6604, 8.1591)	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(33.9033, 11.6604,
8.1591)**

Conversions

Conversions Part 1

Format	Color
Hex	80544F
RGB	128, 84, 79
RGB Percent	50%, 33%, 31%
CMY	0.4980, 0.6706, 0.6902
CMYK	0.00, 0.34, 0.38, 0.50
HSL	6°, 24%, 41%
HSV	6°, 38%, 50%
XYZ	13.4837, 11.4943, 8.9051
YIQ	96.5860, 27.8290, 7.7730

Conversions

Conversions Part 2

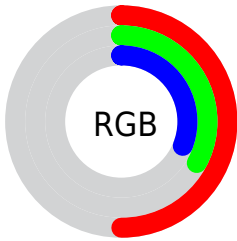
Format	Color
R_YB	128, 85, 79
Decimal	8410191
CIE Lab	40.40, 17.66, 10.43
CIE LCh	40, 20.512, 30.563
Yxy	11.4949, 0.3979, 0.3392
Android (android.graphics.Color)	4286600271 (0xFF80544F)
YUV	96.5860, -8.6699, 27.5501
Hunter-Lab	33.9033, 11.6604, 8.1591

Details

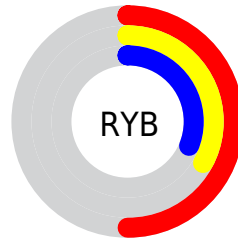
The HunterLab color **33.9033, 11.6604, 8.1591** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.6965, -12.1652, -3.5587**, and the grayscale version is **34.4444, -1.8379, 1.8714**.

A 20% lighter version of the original color is **53.4357, 12.4227, 10.4849**, and **17.5652, 10.4893, 5.6399** is the 20% darker color. If you saturate the color by 10%, you get **31.1222, 15.7489, 9.5746**, and if you desaturate by 10%, it is **36.9223, 7.7204, 6.7007**.

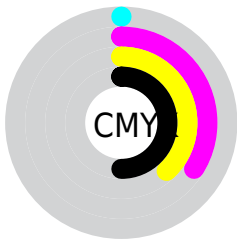
Distribution



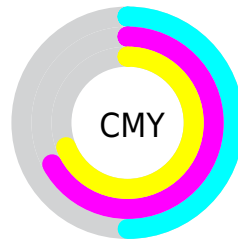
- Red (50%)
- Green (33%)
- Blue (31%)



- Red (50%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (38%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9033, 11.6604, 8.1591 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 33.9033, 11.6604, 8.1591 by changing the saturation by 10% instead.

■ 33.9033, 11.6604,
8.1591

■ 33.9033, 11.6604,
8.1591

141.7858, 13.1959,
18.6017

■ 25.2997, 11.0537,
6.9683

■ 53.4525, 12.5328,
10.4743

■ 17.5791, 10.3090,
5.7265

■ 64.2832, 12.8309,
11.6196

■ 10.8583, 9.3976,
4.7361

■ 75.7601, 13.0503,
12.7653

■ 2.1091, 36.3784,
1.4764

■ 87.8489, 13.1988,
13.9152

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5200, 13.2829,
15.0721

0.0000, NaN, NaN

113.7478, 13.3076,

0.0000, NaN, NaN

16.2379

0.0000, NaN, NaN

127.5097, 13.2774,
17.4141

■ 33.9033, 11.6604,
8.1591

■ 33.9033, 11.6604,
8.1591

■ 31.1222, 15.7489,
9.5746

■ 36.9223, 7.7204,
6.7007

■ 28.6169, 19.9285,
10.9036

■ 40.1424, 3.9567,
5.2240

■ 26.4334, 24.0773,
12.0857

■ 43.5360, 0.3681,
3.7450

■ 24.6176, 28.0025,
13.0436

■ 47.0799, -3.0570,
2.2716

■ 23.2089, 31.4472,
13.6971

■ 50.7551, -6.3354,
0.8073

■ 22.2192, 34.1064,
14.1198

■ 54.5462, -9.4850,
-0.6467

■ 22.0880, 34.4567,
14.2137

■ 58.4405, -12.5235,
-2.0910

■ 62.4278, -15.4665,
-3.5268

■ 66.4993, -18.3282,
-4.9554

Harmonies

Analogous

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



33.9041, 14.0108, 1.9812



33.9033, 11.6604, 8.1591



33.9041, 5.6455, 11.8274

Triad

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



33.9041, 11.6588, 8.1597



33.9041, -13.5818, 7.9711



33.9041, -1.6678, -15.1304

Complementary

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



33.9033, 11.6604, 8.1591



41.6965, -12.1652, -3.5587

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.



33.9041, -8.6738, -12.5679



33.9033, 11.6604, 8.1591



33.9041, -15.1759, 1.7092

Square

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



33.9041, 11.6588, 8.1597



33.9041, -8.9010, 11.7365



33.9041, -13.4589, -5.9793



33.9041, 5.9145, -12.3776

Rectangle

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



33.9033, 11.6604, 8.1591



33.9041, 0.6096, 12.8624



33.9041, -13.4589, -5.9793



33.9041, -4.1653, -14.8571

Sweetspot

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



33.9041, 11.6588, 8.1597



56.4074, 1.8803, 5.5521



34.0790, 20.3930, -11.3023



27.0499, 1.1639, 2.7920



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



33.9041, 11.6588, 8.1597



41.7286, 20.2252, 12.4798



39.9543, 0.3029, 13.6478



20.9988, 0.3175, 1.8765



21.9973, 34.3027, 14.1552

0.0000, NaN, NaN

Inverse Universe

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



41.6965, -12.1652, -3.5587



54.1617, -18.1600, -6.3046



34.7404, -1.4769, -13.4724



21.9414, -2.5198, 0.4697



36.9988, -16.8152, -9.9461

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.9033, 11.6604, 8.1591 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 33.9033, 11.6604, 8.1591 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 33.9033, 11.6604, 8.1591 Background



This preview shows how black text looks on a background with the HunterLab color 33.9033, 11.6604, 8.1591.

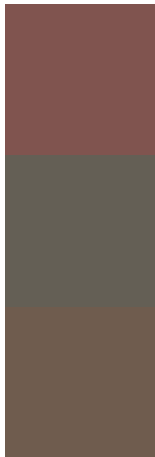


This preview shows how white text looks on a background with the HunterLab color 33.9033, 11.6604,

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

33.9033, 11.6604, 8.1591

Protanopia

33.9847, -1.7633, 5.9166

Deuteranopia

34.0351, 2.1037, 8.4530



Tritanopia

34.0219, 13.6503, 4.7325

Trichromacy



Original Color

33.9033, 11.6604, 8.1591

Protanomaly

33.7960, 2.8261, 6.5175

Deuteranomaly

33.8773, 5.4374, 8.3557

Tritanomaly

33.9257, 13.1662, 6.1155

Monochromacy



Original Color

33.9033, 11.6604, 8.1591

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.0303, 2.6405, 4.1628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9033, 11.6604, 8.1591 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(128, 84, 79)` looks like.

```
.text, #text, p{  
    color:rgb(128, 84, 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(128, 84, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 84, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9033, 11.6604, 8.1591 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(128, 84, 79) }
```


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

```
.border{ border-color:rgb(128, 84, 79) }
```

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

Here you see how a box with a 4 pixel rgb(128, 84, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 84, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 84, 79);  
box-shadow:4px 4px 4px 4px rgb(128, 84,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9033, 11.6604, 8.1591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 84, 79) }
```

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

```
.background{ background-color: rgb(128, 84,  
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