

Converting Colors

HunterLab(33.9437, 6.0444,
4.4770)

Have a look what the booklet for
HunterLab(33.9437, 6.0444, 4.4770)
contains.

HunterLab(33.9277, 6.1063, 4.4966)	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(33.9277, 6.1063,
4.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	735959
RGB	115, 89, 89
RGB Percent	45%, 35%, 35%
CMY	0.5490, 0.6510, 0.6510
CMYK	0.00, 0.23, 0.23, 0.55
HSL	0°, 13%, 40%
HSV	0°, 23%, 45%
XYZ	12.4458, 11.5109, 11.0171
YIQ	96.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

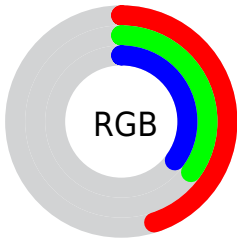
Format	Color
R _Y B	115, 89, 89
Decimal	7559513
CIE Lab	40.43, 10.68, 4.09
CIE LCh	40, 11.434, 20.981
Yxy	11.5114, 0.3559, 0.3291
Android (android.graphics.Color)	4285749593 (0xFF735959)
YUV	96.7740, -3.8326, 15.9842
Hunter-Lab	33.9277, 6.1063, 4.4966

Details

The HunterLab color **33.9277, 6.1063, 4.4966** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39.5257, -8.9033, -0.1307**, and the grayscale version is **34.5004, -1.8409, 1.8745**.

A 20% lighter version of the original color is **53.4273, 6.1610, 5.9231**, and **17.5153, 5.6822, 2.8262** is the 20% darker color. If you saturate the color by 10%, you get **30.9295, 10.0309, 5.5967**, and if you desaturate by 10%, it is **37.1291, 2.3316, 3.4632**.

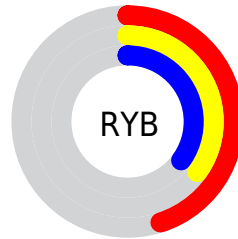
Distribution



Red (45%)

Green (35%)

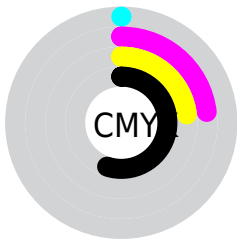
Blue (35%)



Red (45%)

Yellow (35%)

Blue (35%)

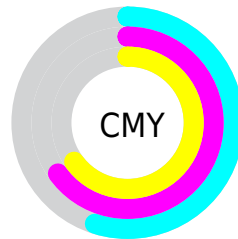


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (55%)



Cyan (55%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9277, 6.1063, 4.4966 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 33.9277, 6.1063, 4.4966 by changing the saturation by 10% instead.

■ 33.9277, 6.1063,
4.4966

■ 33.9277, 6.1063,
4.4966

141.8250, 4.8426,
12.1023

■ 25.3218, 5.8962,
3.7604

■ 53.4809, 6.2537,
6.0302

■ 17.5987, 5.5736,
3.0379

■ 64.3133, 6.2169,
6.8296

■ 10.8750, 5.1078,
2.3194

■ 75.7920, 6.1170,
7.6519

■ 2.1788, 21.2347,
1.5252

■ 87.8824, 5.9598,
8.4970

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5550, 5.7501,
9.3648

0.0000, NaN, NaN

113.7842, 5.4919,

0.0000, NaN, NaN

127.5476, 5.1885,
11.1678

■ 33.9277, 6.1063,
4.4966

■ 33.9277, 6.1063,
4.4966

■ 30.9295, 10.0309,
5.5967

■ 37.1291, 2.3316,
3.4632

■ 28.1695, 14.0835,
6.7558

■ 40.5010, -1.2888,
2.4929

■ 25.6936, 18.1924,
7.9542

■ 44.0203, -4.7680,
1.5806

■ 23.5532, 22.2182,
9.1489

■ 47.6675, -8.1222,
0.7193

■ 21.8017, 25.9349,
10.2680

■ 51.4272, -11.3688,
-0.0978

■ 20.4841, 29.0453,
11.2150

■ 55.2869, -14.5245,
-0.8772

■ 19.6169, 31.2694,
11.8975

■ 59.2363, -17.6038,
-1.6246

■ 19.0921, 32.6929,
12.3368

■ 63.2670, -20.6196,
-2.3449

■ 67.3719, -23.5829,
-3.0421

Harmonies

Analogous

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



33.9285, 6.5834, 0.6138



33.9277, 6.1063, 4.4966



33.9285, 3.4514, 7.3155

Triad

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



33.9285, 6.1051, 4.4972



33.9285, -7.8917, 6.3578



33.9285, -3.0754, -6.6996

Complementary

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



33.9277, 6.1063, 4.4966



39.5257, -8.9033, -0.1307

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.



33.9285, -6.7732, -4.7175



33.9277, 6.1063, 4.4966



33.9285, -9.4632, 3.0352

Square

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



33.9285, 6.1051, 4.4972



33.9285, -4.6702, 8.2949



33.9285, -9.0640, -1.0362



33.9285, 1.1438, -6.1837

Rectangle

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



33.9277, 6.1063, 4.4966



33.9285, 0.8740, 8.3665



33.9285, -9.0640, -1.0362



33.9285, -4.4173, -6.2952

Sweetspot

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



33.9285, 6.1051, 4.4972



52.1061, 0.4675, 3.9199



34.6808, 10.0135, -6.1838



25.3617, 0.3231, 1.9400



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.9285, 6.1051, 4.4972



43.3180, 10.8252, 6.7577



37.2411, 0.1335, 7.9030



19.2377, 0.5162, 1.5624



20.4134, 34.9557, 13.1906



45.0622, 77.1677, 29.1180

Inverse Universe

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



39.5257, -8.9033, -0.1307



52.4176, -13.6524, -0.7921



35.8672, -3.2172, -4.7671



20.3844, -2.5435, 0.6194



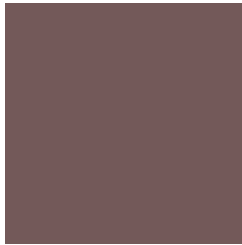
39.2811, -20.8228, -4.1475



86.7132, -45.9662, -9.1562

Previews

White Background



This preview shows how the HunterLab color 33.9277, 6.1063, 4.4966 looks on a white background.

Color Contrast Check

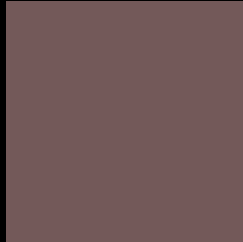
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9277, 6.1063, 4.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

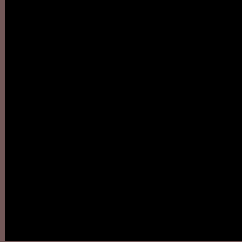
Any Text WCAG AA × Fail

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 33.9277, 6.1063, 4.4966 Background



This preview shows how black text looks on a background with the HunterLab color 33.9277, 6.1063, 4.4966.



This preview shows how white text looks on a background with the HunterLab color 33.9277, 6.1063,

4.4966.

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

33.9277, 6.1063, 4.4966

Protanopia

33.9909, -1.3983, 3.2592

Deuteranopia

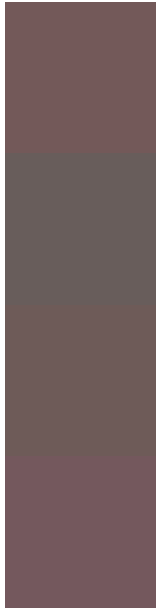
33.8890, 2.0675, 4.7659



Tritanopia

33.9392, 7.7046, 2.1347

Trichromacy



Original Color

33.9277, 6.1063, 4.4966

Protanomaly

33.9516, 1.1069, 3.6560

Deuteranomaly

33.9142, 3.4565, 4.8177

Tritanomaly

33.8862, 7.4292, 2.8911

Monochromacy



Original Color

33.9277, 6.1063, 4.4966

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.2879, 1.0720, 2.8354

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9277, 6.1063, 4.4966 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(115, 89, 89)` looks like.

```
.text, #text, p{  
    color:rgb(115, 89, 89)  
}
```

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(115, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 89, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9277, 6.1063, 4.4966 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(115, 89, 89) }
```


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

```
.border{ border-color:rgb(115, 89, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 89, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 89, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 89, 89);  
box-shadow:4px 4px 4px 4px rgb(115, 89,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9277, 6.1063, 4.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 89, 89) }
```

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

```
.background{ background-color: rgb(115, 89,  
89) }
```

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