

Converting Colors

HunterLab(33.8145, -4.3836,
0.9405)

Have a look what the booklet for
HunterLab(33.8145, -4.3836, 0.9405)
contains.

HunterLab(33.8211, -4.4943, 0.9361)	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(33.8211, -4.4943,
0.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	576161
RGB	87, 97, 97
RGB Percent	34%, 38%, 38%
CMY	0.6588, 0.6196, 0.6196
CMYK	0.10, 0.00, 0.00, 0.62
HSL	180°, 5%, 36%
HSV	180°, 10%, 38%
XYZ	10.3628, 11.4387, 12.9709
YIQ	94.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

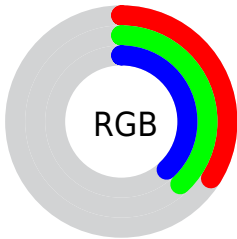
Format	Color
R_{YB}	87, 92, 97
Decimal	5726561
CIE _{Lab}	40.31, -3.85, -1.32
CIE _{LCh}	40, 4.072, 198.949
Yxy	11.4391, 0.2980, 0.3290
Android (android.graphics.Color)	4283916641 (0xFF576161)
YUV	94.0100, 1.4741, -6.1478
Hunter-Lab	33.8211, -4.4943, 0.9361

Details

The HunterLab color **33.8211, -4.4943, 0.9361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **31.6957, 1.1795, 2.6836**, and the grayscale version is **33.4569, -1.7852, 1.8178**.

A 20% lighter version of the original color is **53.5129, -6.0811, 1.8263**, and **17.6037, -3.0616, 0.2451** is the 20% darker color. If you saturate the color by 10%, you get **33.1710, -6.8341, 0.1063**, and if you desaturate by 10%, it is **34.5513, -1.9279, 1.8490**.

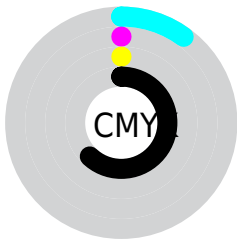
Distribution



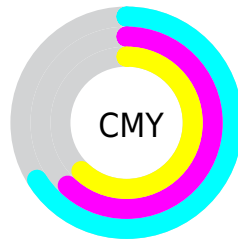
- Red (34%)
- Green (38%)
- Blue (38%)



- Red (34%)
- Yellow (36%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8211, -4.4943, 0.9361 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 33.8211, -4.4943, 0.9361 by changing the saturation by 10% instead.

■ 33.8211, -4.4943,
0.9361

■ 33.8211, -4.4943,
0.9361

141.6531,
-11.9422, 6.2649

■ 25.2250, -3.7770,
0.5505

■ 53.3567, -5.9927,
1.8553

■ 17.5130, -3.0754,
0.2216

■ 64.1813, -6.7750,
2.3792

■ 10.8020, -2.3814,
-0.0398

■ 75.6525, -7.5801,
2.9419

■ 1.8540, -3.2444,
-2.8557

■ 87.7359, -8.4079,
3.5410

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4017, -9.2583,
4.1744

0.0000, NaN, NaN

113.6245,

0.0000, NaN, NaN

-10.1311, 4.8405

0.0000, NaN, NaN

127.3817,
-11.0258, 5.5378

■ 33.8211, -4.4943,
0.9361

■ 33.8211, -4.4943,
0.9361

■ 33.1710, -6.8341,
0.1063

■ 34.5513, -1.9279,
1.8490

■ 32.5998, -8.9277,
-0.6359

■ 35.3578, 0.8471,
2.8366

■ 32.1082, -10.7611,
-1.2851

■ 36.2394, 3.8092,
3.8925

■ 31.6954, -12.3241,
-1.8380

■ 37.1935, 6.9375,
5.0092

■ 31.3598, -13.6119,
-2.2931

■ 38.2173, 10.2116,
6.1799

■ 31.0982, -14.6261,
-2.6511

■ 39.3080, 13.6120,
7.3978

■ 30.9065, -15.3756,
-2.9154

■ 40.4623, 17.1210,
8.6568

■ 30.7787, -15.8781,
-3.0922

■ 41.6772, 20.7224,
9.9511

■ 30.6800, -16.2680,
-3.2293

■ 42.9495, 24.4019,
11.2757

Harmonies

Analogous

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



33.8218, -4.5946, 2.3634



33.8211, -4.4943, 0.9361



33.8218, -3.6823, -0.2971

Triad

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



33.8218, -4.4950, 0.9366



33.8218, 0.3992, -0.0134



33.8218, -1.2511, 4.4280

Complementary

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



33.8211, -4.4943, 0.9361



31.6957, 1.1795, 2.6836

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.



33.8218, 0.1112, 3.8481



33.8211, -4.4943, 0.9361



33.8218, 1.0751, 1.3102

Square

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



33.8218, -4.4950, 0.9366



33.8218, -0.8635, -0.8619



33.8218, 0.9687, 2.7211



33.8218, -2.7392, 4.3378

Rectangle

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



33.8211, -4.4943, 0.9361



33.8218, -2.8376, -0.8247



33.8218, 0.9687, 2.7211



33.8218, -0.7628, 4.3060

Sweetspot

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



33.8218, -4.4950, 0.9366



44.9594, -3.4858, 2.0787



33.5742, -5.9005, 4.6614



22.3706, -1.8502, 0.9956



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.8218, -4.4950, 0.9366



44.0977, -6.5342, 0.9957



32.5159, -2.3906, -0.6281



17.0141, -2.0767, 0.5330



35.7861, -18.9756, -3.7666



82.7133, -43.8593, -8.7048

Inverse Universe

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



31.6957, 1.1795, 2.6836



40.7719, 2.3467, 3.7298



32.9475, -0.9715, 4.0587



16.0946, 0.3769, 1.2883



18.5955, 31.8455, 12.0144



42.9801, 73.6049, 27.7712

Previews

White Background



This preview shows how the HunterLab color 33.8211, -4.4943, 0.9361 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 33.8211, -4.4943, 0.9361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

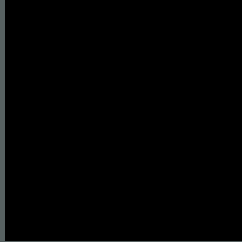
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

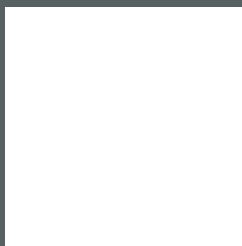
Any Text WCAG AAA × Fail

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

HunterLab 33.8211, -4.4943, 0.9361 Background



This preview shows how black text looks on a background with the HunterLab color 33.8211, -4.4943, 0.9361.



This preview shows how white text looks on a background with the HunterLab color 33.8211, -4.4943,

0.9361.

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

33.8211, -4.4943, 0.9361

Protanopia

33.6429, -1.0843, 1.6317

Deuteranopia

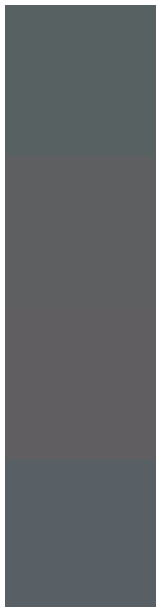
33.7930, 2.2686, 0.5891



Tritanopia

33.8230, -2.6891, -2.1634

Trichromacy



Original Color

33.8211, -4.4943, 0.9361

Protanomaly

33.6988, -2.2019, 1.2563

Deuteranomaly

33.8063, -0.3563, 0.5592

Tritanomaly

33.7343, -3.1778, -0.9076

Monochromacy



Original Color

33.8211, -4.4943, 0.9361

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.5183, -2.8882, 1.4525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8211, -4.4943, 0.9361 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(87, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(87, 97, 97)  
}
```

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(87, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 97, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8211, -4.4943, 0.9361 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(87, 97, 97) }
```


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

```
.border{ border-color:rgb(87, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(87, 97, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8211, -4.4943, 0.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 97, 97) }
```

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

```
.background{ background-color: rgb(87, 97,  
97) }
```

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