

Converting Colors

HunterLab(33.5003, -10.6186,
8.3669)

Have a look what the booklet for
HunterLab(33.5003, -10.6186,
8.3669) contains.

HunterLab(33.5497, -10.8089, 8.4006)	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(33.5497,
-10.8089, 8.4006)**

Conversions

Conversions Part 1

Format	Color
Hex	4E644C
RGB	78, 100, 76
RGB Percent	31%, 39%, 30%
CMY	0.6941, 0.6078, 0.7020
CMYK	0.22, 0.00, 0.24, 0.61
HSL	115°, 14%, 35%
HSV	115°, 24%, 39%
XYZ	9.0036, 11.2558, 8.5355
YIQ	90.6860, -5.4080, -12.1280

Conversions

Conversions Part 2

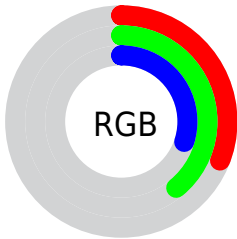
Format	Color
R_{YB}	76, 100, 98
Decimal	5137484
CIE _{Lab}	40.01, -13.49, 10.97
CIE _{LCh}	40, 17.386, 140.878
Yxy	11.2563, 0.3127, 0.3909
Android (android.graphics.Color)	4283327564 (0xFF4E644C)
YUV	90.6860, -7.2402, -11.1256
Hunter-Lab	33.5497, -10.8089, 8.4006

Details

The HunterLab color **33.5497, -10.8089, 8.4006** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29.4719, 8.5186, -5.9463**, and the grayscale version is **32.2564, -1.7211, 1.7525**.

A 20% lighter version of the original color is **53.0339, -13.6440, 10.7496**, and **17.2448, -7.8098, 5.7912** is the 20% darker color. If you saturate the color by 10%, you get **32.8135, -13.9962, 10.6612**, and if you desaturate by 10%, it is **34.3817, -7.2991, 5.8753**.

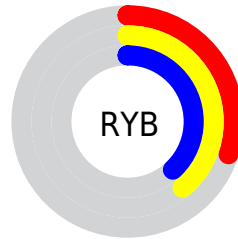
Distribution



Red (31%)

Green (39%)

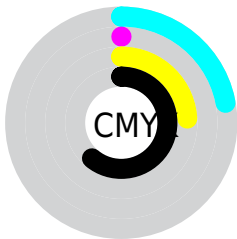
Blue (30%)



Red (30%)

Yellow (39%)

Blue (38%)

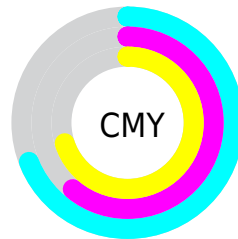


Cyan (22%)

Magenta (0%)

Yellow (24%)

Black (61%)



Cyan (69%)

Magenta (61%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5497, -10.8089, 8.4006 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 33.5497, -10.8089, 8.4006 by changing the saturation by 10% instead.

■ 33.5497, -10.8089,
8.4006

■ 33.5497, -10.8089,
8.4006

141.2153,
-22.6190, 19.0931

■ 24.9790, -9.4065,
7.1673

■ 53.0407, -13.4961,
10.7865

■ 17.2952, -7.9282,
5.8759

■ 63.8451, -14.8080,
11.9625

■ 10.6168, -6.4087,
4.9774

■ 75.2974, -16.1104,
13.1367

■ 0.3129, -0.5475,
0.2190

■ 87.3627, -17.4083,
14.3133

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0114,
-18.7056, 15.4953

0.0000, NaN, NaN

113.2178,

0.0000, NaN, NaN

-20.0051, 16.6849

0.0000, NaN, NaN

126.9591,
-21.3091, 17.8838

■ 33.5497, -10.8089,
8.4006

■ 33.5497, -10.8089,
8.4006

■ 32.8135, -13.9962,
10.6612

■ 34.3817, -7.2991,
5.8753

■ 32.1723, -16.8281,
12.6348

■ 35.3048, -3.4987,
3.1084

■ 31.6274, -19.2798,
14.3056

■ 36.3168, 0.5567,
0.1261

■ 31.1776, -21.3337,
15.6640

■ 37.4141, 4.8325,
-3.0457

■ 30.8206, -22.9820,
16.7092

■ 38.5928, 9.2960,
-6.3820

■ 30.5521, -24.2292,
17.4506

■ 39.8487, 13.9174,
-9.8595

■ 30.3643, -25.1040,
17.9345

■ 41.1776, 18.6696,
-13.4568

■ 30.2796, -25.5084,
18.2116

■ 42.5755, 23.5291,
-17.1551

■ 44.0382, 28.4757,
-20.9379

Harmonies

Analogous

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



33.5504, -6.0631, 11.0211



33.5497, -10.8089, 8.4006



33.5504, -13.0914, 3.6285

Triad

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



33.5504, -10.8096, 8.4010



33.5504, -3.7195, -11.8994



33.5504, 10.4890, 5.7336

Complementary

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



33.5497, -10.8089, 8.4006



29.4719, 8.5186, -5.9463

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.



33.5504, 11.2343, -0.0819



33.5497, -10.8089, 8.4006



33.5504, 2.7042, -11.0462

Square

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



33.5504, -10.8096, 8.4010



33.5504, -9.2044, -8.5763



33.5504, 8.2918, -6.4256



33.5504, 6.3256, 9.6934

Rectangle

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



33.5497, -10.8089, 8.4006



33.5504, -13.0349, -0.4574



33.5504, 8.2918, -6.4256



33.5504, 11.1592, 3.9598

Sweetspot

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



33.5504, -10.8096, 8.4010



46.3398, -6.2835, 5.3220



34.5934, -4.1496, 9.5246



22.9663, -3.1988, 2.6997



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.



33.5504, -10.8096, 8.4010



43.8357, -16.8341, 12.9176



33.6500, -9.9911, 5.0470



17.7554, -2.7578, 2.2957



35.0232, -29.5796, 21.0633



79.8773, -68.0100, 48.0294

Inverse Universe

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



29.4719, 8.5186, -5.9463



37.1894, 14.7266, -10.5238



29.3541, 7.5288, -1.3184



16.9647, 0.9782, -0.4752



20.6077, 41.2698, -33.0276



46.8677, 93.9726, -75.9941

Previews

White Background



This preview shows how the HunterLab color 33.5497, -10.8089, 8.4006 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 33.5497, -10.8089, 8.4006 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 33.5497, -10.8089, 8.4006 Background



This preview shows how black text looks on a background with the HunterLab color 33.5497, -10.8089, 8.4006.



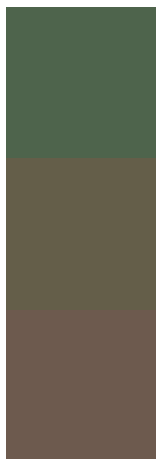
This preview shows how white text looks on a background with the HunterLab color 33.5497, -10.8089, 8.4006.

-10.8089, 8.4006.

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

33.5497, -10.8089, 8.4006

Protanopia

33.4601, -2.7496, 9.4005

Deuteranopia

33.3371, 2.3683, 7.7647



Tritanopia

33.4727, -3.9232, -2.6411

Trichromacy



Original Color

33.5497, -10.8089, 8.4006

Protanomaly

33.3698, -5.8016, 8.9500

Deuteranomaly

33.3735, -2.8895, 8.0405

Tritanomaly

33.3270, -6.4308, 1.5839

Monochromacy



Original Color

33.5497, -10.8089, 8.4006

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.6431, -5.0670, 4.0349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5497, -10.8089, 8.4006 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(78, 100, 76)` looks like.

```
.text, #text, p{  
    color:rgb(78, 100, 76)  
}
```

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(78, 100, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 100, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5497, -10.8089, 8.4006 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(78, 100, 76) }
```


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

```
.border{ border-color:rgb(78, 100, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 100, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 100, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 100, 76);  
box-shadow:4px 4px 4px 4px rgb(78, 100,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5497, -10.8089, 8.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 100, 76) }
```

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

```
.background{ background-color: rgb(78, 100,  
76) }
```

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](#).

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