

Converting Colors

HunterLab(37.5072, -8.1155,
1.0838)

Have a look what the booklet for
HunterLab(37.5072, -8.1155, 1.0838)
contains.

HunterLab(37.4500, -8.0889, 0.9131)	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(37.4500, -8.0889,
0.9131)**

Conversions

Conversions Part 1

Format	Color
Hex	576D6B
RGB	87, 109, 107
RGB Percent	34%, 43%, 42%
CMY	0.6588, 0.5725, 0.5804
CMYK	0.20, 0.00, 0.02, 0.57
HSL	175°, 11%, 38%
HSV	175°, 20%, 43%
XYZ	12.0529, 14.0250, 15.9817
YIQ	102.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

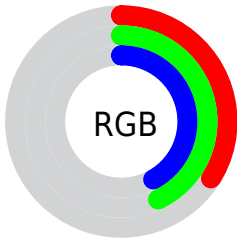
Format	Color
R_{YB}	87, 99, 109
Decimal	5729643
CIE _{Lab}	44.27, -8.58, -1.59
CIE _{LCh}	44, 8.725, 190.482
Yxy	14.0256, 0.2866, 0.3335
Android (android.graphics.Color)	4283919723 (0xFF576D6B)
YUV	102.1940, 2.3694, -13.3251
Hunter-Lab	37.4500, -8.0889, 0.9131

Details

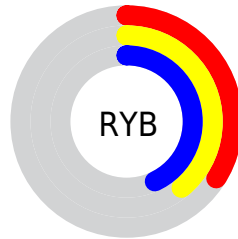
The HunterLab color $37.4500, -8.0889, 0.9131$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $32.8470, 5.1128, 3.2688$, and the grayscale version is $36.5196, -1.9486, 1.9842$.

A 20% lighter version of the original color is $57.6860, -10.4938, 2.1149$, and $20.3351, -5.7518, -0.0346$ is the 20% darker color. If you saturate the color by 10%, you get $36.7685, -10.6547, 0.4782$, and if you desaturate by 10%, it is $38.2250, -5.2459, 1.4598$.

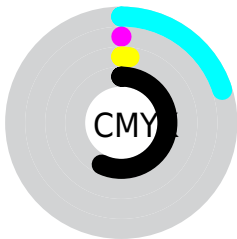
Distribution



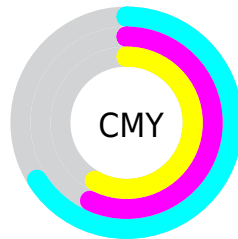
- Red (34%)
- Green (43%)
- Blue (42%)



- Red (34%)
- Yellow (39%)
- Blue (43%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (66%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4500, -8.0889, 0.9131 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 37.4500, -8.0889, 0.9131 by changing the saturation by 10% instead.

■ 37.4500, -8.0889,
0.9131

■ 37.4500, -8.0889,
0.9131

147.4415,
-17.6835, 6.2655

■ 28.5280, -7.0480,
0.5224

■ 57.5625, -10.1604,
1.8400

■ 20.4541, -5.9878,
0.1869

■ 68.6476, -11.2017,
2.3669

■ 13.3298, -4.8861,
-0.0837

■ 80.3650, -12.2516,
2.9323

■ 6.8751, -5.8046,
-0.5827

■ 92.6823, -13.3121,
3.5339

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5716,
-14.3846, 4.1695

0.0000, NaN, NaN

119.0084,

0.0000, NaN, NaN

-15.4702, 4.8376

0.0000, NaN, NaN

132.9715,
-16.5697, 5.5367

■ 37.4500, -8.0889,
0.9131

■ 37.4500, -8.0889,
0.9131

■ 36.7685, -10.6547,
0.4782

■ 38.2250, -5.2459,
1.4598

■ 36.1783, -12.9229,
0.1568

■ 39.0899, -2.1459,
2.1118

■ 35.6796, -14.8804,
-0.0494

■ 40.0435, 1.1860,
2.8635

■ 35.2704, -16.5197,
-0.1415

■ 41.0832, 4.7250,
3.7079

■ 34.9472, -17.8413,
-0.1231

■ 42.2061, 8.4461,
4.6378

■ 34.7050, -18.8544,
-0.0009

■ 43.4088, 12.3254,
5.6455

■ 34.5371, -19.5786,
0.2155

■ 44.6877, 16.3405,
6.7237

■ 34.4097, -20.1430,
0.4738

■ 46.0392, 20.4712,
7.8652

■ 47.4596, 24.6990,
9.0633

Harmonies

Analogous

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



37.4508, -7.8451, 4.0166



37.4500, -8.0889, 0.9131



37.4508, -6.7461, -2.1344

Triad

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



37.4508, -8.0895, 0.9137



37.4508, 2.2470, -2.8954



37.4508, 0.1626, 7.3361

Complementary

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



37.4500, -8.0889, 0.9131



32.8470, 5.1128, 3.2688

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.



37.4508, 2.9943, 5.7805



37.4500, -8.0889, 0.9131



37.4508, 4.2265, -0.0537

Square

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



37.4508, -8.0895, 0.9137



37.4508, -0.8285, -4.4575



37.4508, 4.5047, 3.1296



37.4508, -3.1578, 7.5459

Rectangle

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



37.4500, -8.0889, 0.9131



37.4508, -5.1025, -3.6573



37.4508, 4.5047, 3.1296



37.4508, 1.2063, 6.9601

Sweetspot

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



37.4508, -8.0895, 0.9137



51.6003, -5.3925, 2.2873



37.0941, -10.4014, 8.2625



24.8677, -2.6880, 1.0853



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



37.4508, -8.0895, 0.9137



49.6894, -12.4108, 0.9428



35.0479, -3.9478, -2.9491



18.6746, -2.3753, 0.7479



37.2107, -21.7986, 0.5469



83.9561, -49.4456, 1.8011

Inverse Universe

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



32.8470, 5.1128, 3.2688



42.2145, 9.0711, 4.7862



35.0272, 0.8336, 6.3352



17.6659, 0.5079, 1.2600



19.5605, 33.6176, 11.7119



44.0857, 75.6319, 27.4501

Previews

White Background



This preview shows how the HunterLab color 37.4500, -8.0889, 0.9131 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 37.4500, -8.0889, 0.9131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

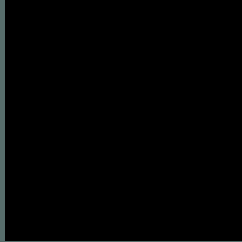
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

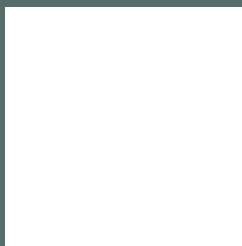
Any Text WCAG AAA × Fail

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

HunterLab 37.4500, -8.0889, 0.9131 Background



This preview shows how black text looks on a background with the HunterLab color 37.4500, -8.0889, 0.9131.



This preview shows how white text looks on a background with the HunterLab color 37.4500, -8.0889,

0.9131.

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

37.4500, -8.0889, 0.9131

Protanopia

37.3688, -1.4216, 2.2221

Deuteranopia

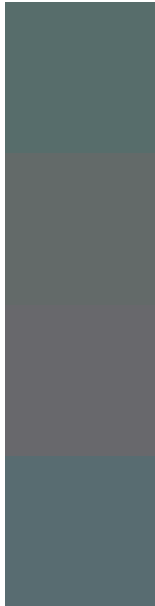
37.3125, 2.7500, 0.0501



Tritanopia

37.5632, -5.6952, -3.0335

Trichromacy



Original Color

37.4500, -8.0889, 0.9131

Protanomaly

37.3907, -4.0916, 1.7762

Deuteranomaly

37.3181, -1.3743, 0.4307

Tritanomaly

37.4060, -6.4423, -1.8261

Monochromacy



Original Color

37.4500, -8.0889, 0.9131

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.9378, -4.3321, 1.6631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4500, -8.0889, 0.9131 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, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(87, 109, 107)  
}
```

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, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 109, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4500, -8.0889, 0.9131 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, 109, 107) }
```


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

```
.border{ border-color:rgb(87, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(87, 109,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4500, -8.0889, 0.9131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 109, 107) }
```

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

```
.background{ background-color: rgb(87, 109,  
107) }
```

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