

Converting Colors

HunterLab(38.4331, -7.1625,
1.3886)

Have a look what the booklet for
HunterLab(38.4331, -7.1625, 1.3886)
contains.

HunterLab(38.4710, -7.1964, 1.2821)	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(38.4710, -7.1964,
1.2821)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6F6D
RGB	93, 111, 109
RGB Percent	36%, 44%, 43%
CMY	0.6353, 0.5647, 0.5725
CMYK	0.16, 0.00, 0.02, 0.56
HSL	173°, 9%, 40%
HSV	173°, 16%, 44%
XYZ	12.9590, 14.8002, 16.6417
YIQ	105.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

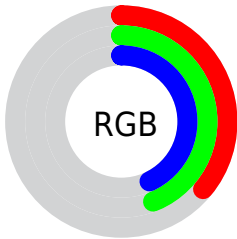
Format	Color
RYP	93, 103, 111
Decimal	6123373
CIE Lab	45.36, -7.14, -1.14
CIE LCh	45, 7.227, 189.075
Yxy	14.8008, 0.2919, 0.3333
Android (android.graphics.Color)	4284313453 (0xFF5D6F6D)
YUV	105.3900, 1.7797, -10.8660
Hunter-Lab	38.4710, -7.1964, 1.2821

Details

The HunterLab color **38.4710, -7.1964, 1.2821** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34.6913, 3.7928, 2.9386**, and the grayscale version is **37.7298, -2.0132, 2.0499**.

A 20% lighter version of the original color is **58.8742, -9.2113, 2.6242**, and **21.2301, -5.0403, 0.2659** is the 20% darker color. If you saturate the color by 10%, you get **37.7314, -9.9691, 0.8839**, and if you desaturate by 10%, it is **39.3058, -4.1500, 1.7939**.

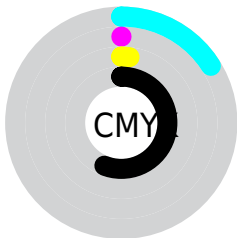
Distribution



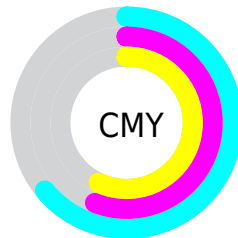
- Red (36%)
- Green (44%)
- Blue (43%)



- Red (36%)
- Yellow (40%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4710, -7.1964, 1.2821 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 38.4710, -7.1964, 1.2821 by changing the saturation by 10% instead.

■ 38.4710, -7.1964,
1.2821

■ 38.4710, -7.1964,
1.2821

149.0494,
-16.1687, 6.8468

■ 29.4613, -6.2533,
0.8597

■ 58.7395, -9.0984,
2.2654

■ 21.2905, -5.3037,
0.4892

■ 69.8953, -10.0641,
2.8179

■ 14.0566, -4.3321,
0.1791

■ 81.6796, -11.0430,
3.4075

■ 7.7032, -4.4483,
-0.1940

■ 94.0606, -12.0364,
4.0321

0.0000, NaN, NaN

0.0000, NaN, NaN

107.0107,
-13.0452, 4.6898

0.0000, NaN, NaN

120.5059,

0.0000, NaN, NaN

-14.0699, 5.3790

0.0000, NaN, NaN

134.5251,
-15.1110, 6.0984

■ 38.4710, -7.1964,
1.2821

■ 38.4710, -7.1964,
1.2821

■ 37.7314, -9.9691,
0.8839

■ 39.3058, -4.1500,
1.7939

■ 37.0853, -12.4450,
0.6011

■ 40.2319, -0.8518,
2.4126

■ 36.5333, -14.6082,
0.4358

■ 41.2476, 2.6720,
3.1324

■ 36.0739, -16.4479,
0.3873

■ 42.3501, 6.3955,
3.9465

■ 35.7042, -17.9608,
0.4520

■ 43.5363, 10.2934,
4.8475

■ 35.4198, -19.1523,
0.6240

■ 44.8024, 14.3419,
5.8278

■ 35.2145, -20.0378,
0.8941

■ 46.1449, 18.5187,
6.8801

■ 35.0711, -20.6800,
1.2386

■ 47.5599, 22.8041,
7.9973

■ 35.0197, -20.9120,
1.3714

■ 49.0438, 27.1803,
9.1727

Harmonies

Analogous

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



38.4718, -6.9260, 3.8680



38.4710, -7.1964, 1.2821



38.4718, -6.1211, -1.2543

Triad

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



38.4718, -7.1971, 1.2827



38.4718, 1.3762, -2.0705



38.4718, -0.1252, 6.5513

Complementary

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



38.4710, -7.1964, 1.2821



34.6913, 3.7928, 2.9386

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.



38.4718, 2.1877, 5.1662



38.4710, -7.1964, 1.2821



38.4718, 3.0714, 0.2316

Square

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



38.4718, -7.1971, 1.2827



38.4718, -1.2073, -3.2786



38.4718, 3.3726, 2.8883



38.4718, -2.8951, 6.7888

Rectangle

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



38.4710, -7.1964, 1.2821



38.4718, -4.7661, -2.5329



38.4718, 3.3726, 2.8883



38.4718, 0.7337, 6.2095

Sweetspot

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



38.4718, -7.1971, 1.2827



52.7243, -5.0918, 2.4832



38.2074, -8.9767, 7.3154



25.8110, -2.6099, 1.1966



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



38.4718, -7.1971, 1.2827



51.1393, -10.8970, 1.5234



36.6008, -3.8488, -1.8771



19.5169, -2.5119, 0.8194



38.0111, -22.7184, 1.5320



84.7909, -50.9861, 4.0830

Inverse Universe

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



34.6913, 3.7928, 2.9386



45.0793, 6.7399, 4.1869



36.4218, 0.3629, 5.5908



18.4580, 0.5610, 1.2809



20.0306, 34.4524, 11.7859



44.6311, 76.6146, 27.4244

Previews

White Background



This preview shows how the HunterLab color 38.4710, -7.1964, 1.2821 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 38.4710, -7.1964, 1.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

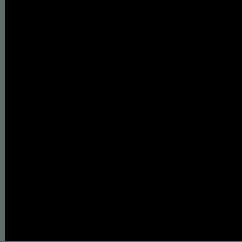
Any Text WCAG AA × Fail

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 38.4710, -7.1964, 1.2821 Background



This preview shows how black text looks on a background with the HunterLab color 38.4710, -7.1964, 1.2821.



This preview shows how white text looks on a background with the HunterLab color 38.4710, -7.1964,

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

38.4710, -7.1964, 1.2821

Protanopia

38.4801, -1.6281, 2.6730

Deuteranopia

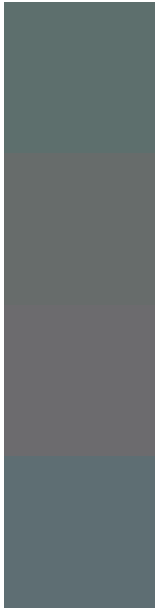
38.3920, 2.4030, 0.9172



Tritanopia

38.5911, -4.7896, -2.6367

Trichromacy



Original Color

38.4710, -7.1964, 1.2821

Protanomaly

38.3017, -3.6008, 2.0061

Deuteranomaly

38.5089, -1.3074, 0.9935

Tritanomaly

38.4309, -5.5421, -1.4393

Monochromacy



Original Color

38.4710, -7.1964, 1.2821

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.8453, -3.8479, 1.8906

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4710, -7.1964, 1.2821 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(93, 111, 109)` looks like.

```
.text, #text, p{  
    color:rgb(93, 111, 109)  
}
```

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(93, 111, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 111, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4710, -7.1964, 1.2821 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(93, 111, 109) }
```


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

```
.border{ border-color:rgb(93, 111, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 111, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 111, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 111, 109);  
box-shadow:4px 4px 4px 4px rgb(93, 111,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4710, -7.1964, 1.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 111, 109) }
```

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

```
.background{ background-color: rgb(93, 111,  
109) }
```

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