

Converting Colors

HunterLab(38.8283, -6.4081,
2.8927)

Have a look what the booklet for
HunterLab(38.8283, -6.4081, 2.8927)
contains.

HunterLab(38.7378, -6.4002, 2.8880)	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(38.7378, -6.4002,
2.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	626F6A
RGB	98, 111, 106
RGB Percent	38%, 44%, 42%
CMY	0.6157, 0.5647, 0.5843
CMYK	0.12, 0.00, 0.05, 0.56
HSL	157°, 6%, 41%
HSV	157°, 12%, 44%
XYZ	13.3230, 15.0062, 15.8299
YIQ	106.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

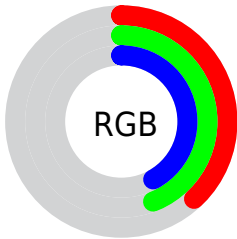
Format	Color
R_{YB}	98, 106, 111
Decimal	6451050
CIE Lab	45.64, -5.97, 1.12
CIE LCh	46, 6.074, 169.408
Yxy	15.0068, 0.3017, 0.3398
Android (android.graphics.Color)	4284641130 (0xFF626F6A)
YUV	106.5430, -0.2677, -7.4922
Hunter-Lab	38.7378, -6.4002, 2.8880

Details

The HunterLab color $38.7378, -6.4002, 2.8880$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.1864, 2.6350, 1.3181$, and the grayscale version is $38.1738, -2.0369, 2.0741$.

A 20% lighter version of the original color is $59.1762, -8.3078, 4.3591$, and $21.3883, -4.6129, 1.6287$ is the 20% darker color. If you saturate the color by 10%, you get $37.8746, -9.7687, 3.5987$, and if you desaturate by 10%, it is $39.6973, -2.7729, 2.2644$.

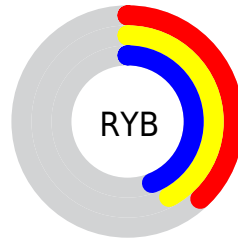
Distribution



Red (38%)

Green (44%)

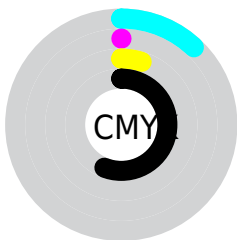
Blue (42%)



Red (38%)

Yellow (42%)

Blue (44%)

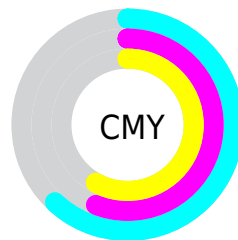


Cyan (12%)

Magenta (0%)

Yellow (5%)

Black (56%)



Cyan (62%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7378, -6.4002, 2.8880 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 38.7378, -6.4002, 2.8880 by changing the saturation by 10% instead.

■ 38.7378, -6.4002,
2.8880

■ 38.7378, -6.4002,
2.8880

149.4682,
-14.8693, 9.3669

■ 29.7055, -5.5342,
2.3294

■ 59.0467, -8.1668,
4.1140

■ 21.5097, -4.6708,
1.8086

■ 70.2208, -9.0717,
4.7766

■ 14.2475, -3.7985,
1.3288

■ 82.0224, -9.9932,
5.4704

■ 7.9043, -3.7138,
1.0158

■ 94.4198, -10.9322,
6.1941

0.0000, NaN, NaN

0.0000, NaN, NaN

107.3857,
-11.8891, 6.9466

0.0000, NaN, NaN

120.8961,

0.0000, NaN, NaN

-12.8642, 7.7269

0.0000, NaN, NaN

134.9299,
-13.8576, 8.5339

■ 38.7378, -6.4002,
2.8880

■ 38.7378, -6.4002,
2.8880

■ 37.8746, -9.7687,
3.5987

■ 39.6973, -2.7729,
2.2644

■ 37.1072, -12.8481,
4.3902

■ 40.7483, 1.0862,
1.7286

■ 36.4373, -15.6141,
5.2564

■ 41.8883, 5.1471,
1.2820

■ 35.8645, -18.0466,
6.1885

■ 43.1138, 9.3815,
0.9239

■ 35.3873, -20.1321,
7.1758

■ 44.4210, 13.7631,
0.6523

■ 35.0026, -21.8655,
8.2055

■ 45.8060, 18.2680,
0.4642

■ 34.7054, -23.2521,
9.2635

■ 47.2647, 22.8748,
0.3558

■ 34.4885, -24.3103,
10.3339

■ 48.7931, 27.5649,
0.3233

■ 34.3373, -25.0669,
11.1937

■ 50.3875, 32.3224,
0.3620

Harmonies

Analogous

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



38.7386, -5.4328, 4.7962



38.7378, -6.4002, 2.8880



38.7386, -6.2295, 0.6566

Triad

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



38.7386, -6.4010, 2.8886



38.7386, -0.5598, -2.1575



38.7386, 0.9077, 5.2254

Complementary

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



38.7378, -6.4002, 2.8880



36.1864, 2.6350, 1.3181

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.



38.7386, 2.2747, 3.5066



38.7378, -6.4002, 2.8880



38.7386, 1.4135, -0.7864

Square

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



38.7386, -6.4010, 2.8886



38.7386, -2.8941, -2.3474



38.7386, 2.4620, 1.3122



38.7386, -1.2370, 6.0911

Rectangle

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



38.7378, -6.4002, 2.8880



38.7386, -5.4906, -0.7134



38.7386, 2.4620, 1.3122



38.7386, 1.4755, 4.7332

Sweetspot

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



38.7386, -6.4010, 2.8886



52.8013, -4.9033, 3.2194



38.9189, -6.1631, 6.2698



25.8402, -2.5544, 1.6028



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.



38.7386, -6.4010, 2.8886



51.5161, -9.8034, 4.1078



38.5127, -5.0568, 0.4893



19.4794, -2.7205, 1.3546



37.2664, -27.2528, 12.2511



83.0717, -61.4644, 28.8516

Inverse Universe

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



36.1864, 2.6350, 1.3181



47.3369, 5.0001, 1.5400



36.3901, 1.3157, 3.6192



18.4954, 0.7622, 0.7484



20.4462, 35.9835, 5.7013



45.4609, 79.6769, 15.2389

Previews

White Background



This preview shows how the HunterLab color 38.7378, -6.4002, 2.8880 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 38.7378, -6.4002, 2.8880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

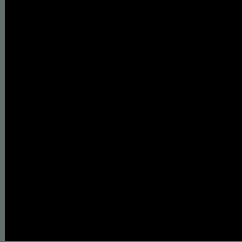
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

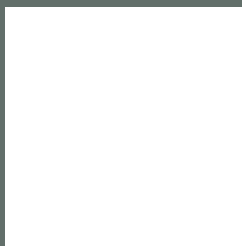
Any Text WCAG AAA × Fail

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

HunterLab 38.7378, -6.4002, 2.8880 Background



This preview shows how black text looks on a background with the HunterLab color 38.7378, -6.4002, 2.8880.



This preview shows how white text looks on a background with the HunterLab color 38.7378, -6.4002,

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

38.7378, -6.4002, 2.8880

Protanopia

38.5932, -1.3431, 3.6373

Deuteranopia

38.4886, 2.5606, 2.3337



Tritanopia

38.6712, -3.0797, -2.5030

Trichromacy



Original Color

38.7378, -6.4002, 2.8880

Protanomaly

38.4827, -3.0735, 3.0684

Deuteranomaly

38.6735, -0.9051, 2.4895

Tritanomaly

38.7549, -4.4499, -0.5522

Monochromacy



Original Color

38.7378, -6.4002, 2.8880

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.3793, -3.3281, 2.1023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7378, -6.4002, 2.8880 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(98, 111, 106)` looks like.

```
.text, #text, p{  
    color:rgb(98, 111, 106)  
}
```

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(98, 111, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 111, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7378, -6.4002, 2.8880 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(98, 111, 106) }
```


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

```
.border{ border-color:rgb(98, 111, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 111, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 111, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 111, 106);  
box-shadow:4px 4px 4px 4px rgb(98, 111,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7378, -6.4002, 2.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 111, 106) }
```

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

```
.background{ background-color: rgb(98, 111,  
106) }
```

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