

Converting Colors

HunterLab(38.9934, -2.0474,
5.2790)

Have a look what the booklet for
HunterLab(38.9934, -2.0474, 5.2790)
contains.

HunterLab(38.8709, -1.9267, 5.1389)	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(38.8709, -1.9267,
5.1389)

Conversions

Conversions Part 1

Format	Color
Hex	706C65
RGB	112, 108, 101
RGB Percent	44%, 42%, 40%
CMY	0.5608, 0.5765, 0.6039
CMYK	0.00, 0.04, 0.10, 0.56
HSL	38°, 5%, 42%
HSV	38°, 10%, 44%
XYZ	14.3936, 15.1095, 14.4697
YIQ	108.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

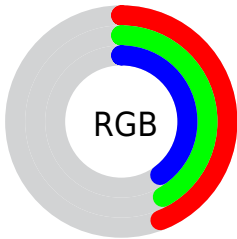
Format	Color
R_{YB}	107, 112, 101
Decimal	7367781
CIE Lab	45.78, 0.20, 4.46
CIE LCh	46, 4.467, 87.438
Yxy	15.1101, 0.3273, 0.3436
Android (android.graphics.Color)	4285557861 (0xFF706C65)
YUV	108.3980, -3.6472, 3.1590
Hunter-Lab	38.8709, -1.9267, 5.1389

Details

The HunterLab color $38.8709, -1.9267, 5.1389$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.4693, -2.0064, -1.2034$, and the grayscale version is $38.8892, -2.0750, 2.1129$.

A 20% lighter version of the original color is $59.1234, -2.7018, 6.5948$, and $21.6652, -1.2592, 3.7770$ is the 20% darker color. If you saturate the color by 10%, you get $37.5055, -1.5616, 7.8623$, and if you desaturate by 10%, it is $40.2786, -2.1506, 2.1308$.

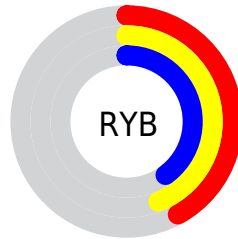
Distribution



Red (44%)

Green (42%)

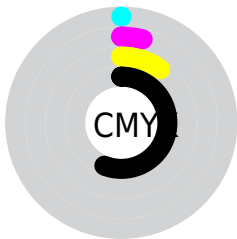
Blue (40%)



Red (42%)

Yellow (44%)

Blue (40%)

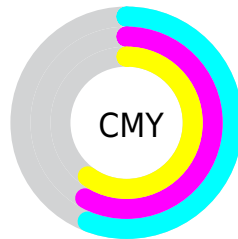


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8709, -1.9267, 5.1389 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 38.8709, -1.9267, 5.1389 by changing the saturation by 10% instead.

■ 38.8709, -1.9267,
5.1389

■ 38.8709, -1.9267,
5.1389

■ 149.6769, -7.7618,
13.0068

■ 29.8274, -1.4572,
4.3690

■ 59.1999, -2.9912,
6.7374

■ 21.6191, -1.0326,
3.6131

■ 70.3831, -3.5783,
7.5678

■ 14.3430, -0.6595,
2.8636

■ 82.1933, -4.1995,
8.4200

■ 8.0025, -0.3187,
2.7472

■ 94.5990, -4.8530,
9.2940

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5727, -5.5372,
10.1899

0.0000, NaN, NaN

■ 121.0906, -6.2509,

0.0000, NaN, NaN

11.1075

0.0000, NaN, NaN

135.1316, -6.9927,
12.0466

■ 38.8709, -1.9267,
5.1389

■ 38.8709, -1.9267,
5.1389

■ 37.5055, -1.5616,
7.8623

■ 40.2786, -2.1506,
2.1308

■ 36.1820, -1.0448,
10.2800

■ 41.7240, -2.2378,
-1.1445

■ 34.9035, -0.3707,
12.3732

■ 43.2058, -2.1971,
-4.6682

■ 33.6723, 0.4662,
14.1237

■ 44.7223, -2.0362,
-8.4229

■ 32.4906, 1.4696,
15.5158

■ 46.2714, -1.7626,
-12.3923

■ 31.3604, 2.6408,
16.5376

■ 47.8517, -1.3833,
-16.5613

■ 30.2832, 3.9773,
17.1838

■ 49.4614, -0.9051,
-20.9159

■ 29.2604, 5.4720,
17.4595

■ 51.0992, -0.3344,
-25.4434

■ 28.2819, 7.0573,
17.5387

■ 52.7636, 0.3228,
-30.1319

Harmonies

Analogous

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



38.8718, -0.2738, 4.6837



38.8709, -1.9267, 5.1389



38.8718, -3.5936, 4.8148

Triad

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



38.8718, -1.9277, 5.1395



38.8718, -4.9780, 0.6329



38.8718, 0.7606, 0.3781

Complementary

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



38.8709, -1.9267, 5.1389



37.4693, -2.0064, -1.2034

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.



38.8718, -0.5351, -0.7916



38.8709, -1.9267, 5.1389



38.8718, -3.8463, -0.6400

Square

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



38.8718, -1.9277, 5.1395



38.8718, -5.3364, 2.2567



38.8718, -2.2244, -1.1720



38.8718, 1.2951, 1.9745

Rectangle

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



38.8709, -1.9267, 5.1389



38.8718, -4.4905, 4.1913



38.8718, -2.2244, -1.1720



38.8718, 0.3986, -0.0806

Sweetspot

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



38.8718, -1.9277, 5.1395



52.7729, -2.7744, 4.1632



37.1119, 1.8499, 1.5346



25.8019, -1.3506, 2.1801



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.



38.8718, -1.9277, 5.1395



51.0647, -2.4522, 7.7482



39.8465, -4.1474, 6.1607



19.2930, -0.9656, 2.4266



30.3175, 7.7613, 18.8174



66.4119, 19.8210, 41.2697

Inverse Universe

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



37.4693, -2.0064, -1.2034



48.7399, -2.5804, -2.7708



36.5097, 0.2095, -2.3935



18.6564, -1.0015, -0.4525



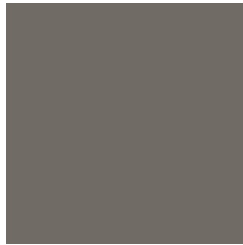
17.6665, 12.1804, -48.3757



37.4593, 32.0850, -116.0830

Previews

White Background



This preview shows how the HunterLab color 38.8709, -1.9267, 5.1389 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 38.8709, -1.9267, 5.1389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

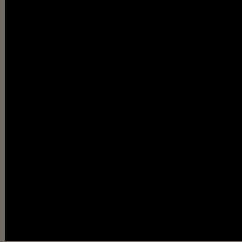
Any Text WCAG AA × Fail

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 38.8709, -1.9267, 5.1389 Background



This preview shows how black text looks on a background with the HunterLab color 38.8709, -1.9267, 5.1389.



This preview shows how white text looks on a background with the HunterLab color 38.8709, -1.9267,

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

38.8709, -1.9267, 5.1389

Protanopia

38.8709, -1.9267, 5.1389

Deuteranopia

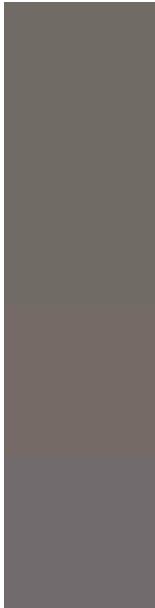
38.8940, 2.3140, 4.8445



Tritanopia

38.8592, 1.4995, -0.3184

Trichromacy



Original Color

38.8709, -1.9267, 5.1389

Protanomaly

38.8709, -1.9267, 5.1389

Deuteranomaly

38.8831, 0.9229, 4.8081

Tritanomaly

38.8976, -0.0252, 1.9151

Monochromacy



Original Color

38.8709, -1.9267, 5.1389

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.7250, -2.2271, 3.3613

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8709, -1.9267, 5.1389 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(112, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(112, 108, 101)  
}
```

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(112, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 108, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8709, -1.9267, 5.1389 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(112, 108, 101) }
```


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

```
.border{ border-color:rgb(112, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(112, 108,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8709, -1.9267, 5.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 108, 101) }
```

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

```
.background{ background-color: rgb(112,  
108, 101) }
```

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