

Converting Colors

HunterLab(38.4238, -4.5146,
3.7482)

Have a look what the booklet for
HunterLab(38.4238, -4.5146, 3.7482)
contains.

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Color

HunterLab(38.4709, -4.6379,
3.8482)

Conversions

Conversions Part 1

Format	Color
Hex	676D67
RGB	103, 109, 103
RGB Percent	40%, 43%, 40%
CMY	0.5961, 0.5725, 0.5961
CMYK	0.06, 0.00, 0.06, 0.57
HSL	120°, 3%, 42%
HSV	120°, 6%, 43%
XYZ	13.5103, 14.8001, 14.9766
YIQ	106.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

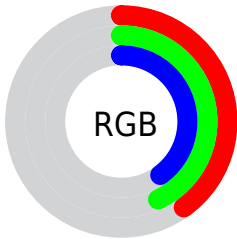
Format	Color
RYB	103, 109, 109
Decimal	6778215
CIELab	45.36, -3.54, 2.55
CIElCh	45, 4.362, 144.186
Yxy	14.8007, 0.3121, 0.3419
Android (android.graphics.Color)	4284968295 (0xFF676D67)
YUV	106.5220, -1.7363, -3.0888
Hunter-Lab	38.4709, -4.6379, 3.8482

Details

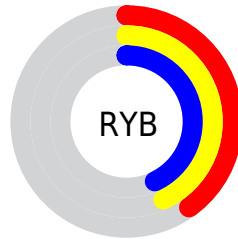
The HunterLab color $38.4709, -4.6379, 3.8482$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.4916, 0.6532, 0.2325$, and the grayscale version is $38.1700, -2.0367, 2.0738$.

A 20% lighter version of the original color is $58.6044, -5.9130, 5.0787$, and $21.3811, -3.4610, 2.7395$ is the 20% darker color. If you saturate the color by 10%, you get $37.4070, -9.0171, 6.8069$, and if you desaturate by 10%, it is $39.6500, 0.0634, 0.6725$.

Distribution



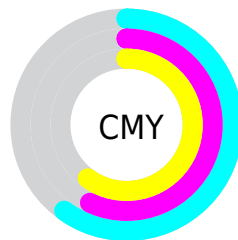
- Red (40%)
- Green (43%)
- Blue (40%)



- Red (40%)
- Yellow (43%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (57%)



- Cyan (60%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4709, -4.6379, 3.8482 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 38.4709, -4.6379, 3.8482 by changing the saturation by 10% instead.

■ 38.4709, -4.6379,
3.8482

■ 38.4709, -4.6379,
3.8482

149.0493,
-12.0517, 10.9090

■ 29.4613, -3.9314,
3.2014

■ 58.7395, -6.1226,
5.2299

■ 21.2904, -3.2448,
2.5826

■ 69.8952, -6.9001,
5.9628

■ 14.0565, -2.5744,
1.9906

■ 81.6795, -7.7013,
6.7229

■ 7.7032, -2.4124,
1.7928

■ 94.0605, -8.5259,
7.5097

0.0000, NaN, NaN

0.0000, NaN, NaN

107.0106, -9.3737,
8.3223

0.0000, NaN, NaN

120.5058,

0.0000, NaN, NaN

-10.2442, 9.1602

0.0000, NaN, NaN

134.5250,
-11.1370, 10.0226

■ 38.4709, -4.6379,
3.8482

■ 38.4709, -4.6379,
3.8482

■ 37.4070, -9.0171,
6.8069

■ 39.6500, 0.0634,
0.6725

■ 36.4597, -13.0242,
9.5148

■ 40.9371, 5.0426,
-2.6902

■ 35.6330, -16.6148,
11.9415

■ 42.3275, 10.2544,
-6.2092

■ 34.9283, -19.7491,
14.0602

■ 43.8157, 15.6585,
-9.8571

■ 34.3453, -22.3961,
15.8498

■ 45.3960, 21.2189,
-13.6097

■ 33.8817, -24.5378,
17.2979

■ 47.0627, 26.9049,
-17.4461

■ 33.5329, -26.1720,
18.4030

■ 48.8103, 32.6902,
-21.3486

■ 33.2912, -27.3156,
19.1764

■ 50.6335, 38.5531,
-25.3025

■ 33.1364, -28.0535,
19.6755

■ 52.5275, 44.4758,
-29.2957

Harmonies

Analogous

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



38.4717, -3.3690, 4.7925



38.4709, -4.6379, 3.8482



38.4717, -5.2152, 2.4040

Triad

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



38.4717, -4.6388, 3.8488



38.4717, -2.3814, -1.0893



38.4717, 0.9357, 3.3316

Complementary

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



38.4709, -4.6379, 3.8482



37.4916, 0.6532, 0.2325

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.



38.4717, 1.2110, 1.7816



38.4709, -4.6379, 3.8482



38.4717, -0.7228, -0.8150

Square

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



38.4717, -4.6388, 3.8488



38.4717, -3.9264, -0.4813



38.4717, 0.5992, 0.2527



38.4717, -0.1468, 4.5030

Rectangle

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



38.4709, -4.6379, 3.8482



38.4717, -5.1360, 1.3336



38.4717, 0.5992, 0.2527



38.4717, 1.1265, 2.8394

Sweetspot

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



38.4717, -4.6388, 3.8488



52.0070, -4.0817, 3.7142



38.9468, -2.9651, 4.4121



25.1006, -1.9182, 1.7574



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.



38.4717, -4.6388, 3.8488



51.2285, -7.2282, 5.8399



38.5514, -4.1975, 2.7101



18.6554, -2.6235, 2.1207



35.7668, -30.6699, 21.5021



80.7365, -69.2315, 48.5372

Inverse Universe

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



37.4916, 0.6532, 0.2325



49.5180, 2.0079, -0.4717



37.4067, 0.1939, 1.4399



18.0359, 0.7216, -0.1652



22.5700, 44.3729, -29.7654



50.9473, 100.1632, -67.1893

Previews

White Background



This preview shows how the HunterLab color 38.4709, -4.6379, 3.8482 looks on a white background.

Color Contrast Check

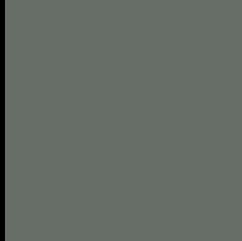
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4709, -4.6379, 3.8482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

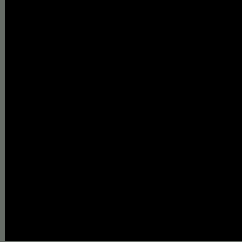
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

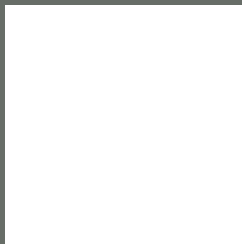
Any Text WCAG AAA × Fail

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

HunterLab 38.4709, -4.6379, 3.8482 Background



This preview shows how black text looks on a background with the HunterLab color 38.4709, -4.6379, 3.8482.



This preview shows how white text looks on a background with the HunterLab color 38.4709, -4.6379,

3.8482.

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

38.4709, -4.6379, 3.8482

Protanopia

38.4574, -1.9185, 4.2838

Deuteranopia

38.4994, 2.4357, 3.5966



Tritanopia

38.4442, -1.1795, -1.8138

Trichromacy



Original Color

38.4709, -4.6379, 3.8482

Protanomaly

38.4841, -3.2264, 4.2908

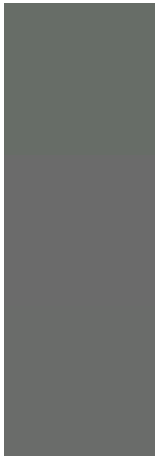
Deuteranomaly

38.4945, -0.3011, 3.5430

Tritanomaly

38.4914, -2.7112, 0.5056

Monochromacy



Original Color

38.4709, -4.6379, 3.8482

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.5096, -2.9257, 2.6845

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4709, -4.6379, 3.8482 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(103, 109, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 109, 103)  
}
```

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(103, 109, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 109, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4709, -4.6379, 3.8482 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(103, 109, 103) }
```


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

```
.border{ border-color:rgb(103, 109, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 109, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 109, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 109, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 109,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4709, -4.6379, 3.8482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 109, 103) }
```

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

```
.background{ background-color: rgb(103,  
109, 103) }
```

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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