

Converting Colors

HunterLab(38.7572, -0.6574,
-5.6788)

Have a look what the booklet for
HunterLab(38.7572, -0.6574,
-5.6788) contains.

HunterLab(38.8450, -0.6237, -5.6885)	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(38.8450, -0.6237,
-5.6885)**

Conversions

Conversions Part 1

Format	Color
Hex	676C7D
RGB	103, 108, 125
RGB Percent	40%, 42%, 49%
CMY	0.5961, 0.5765, 0.5098
CMYK	0.18, 0.14, 0.00, 0.51
HSL	226°, 10%, 45%
HSV	226°, 18%, 49%
XYZ	14.6577, 15.0893, 21.5420
YIQ	108.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

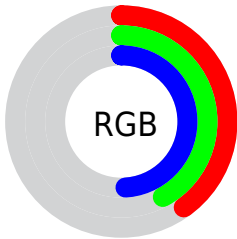
Format	Color
R_{YB}	103, 107, 125
Decimal	6777981
CIE Lab	45.76, 1.94, -10.06
CIE LCh	46, 10.247, 280.905
Yxy	15.0900, 0.2858, 0.2942
Android (android.graphics.Color)	4284968061 (0xFF676C7D)
YUV	108.4430, 8.1626, -4.7735
Hunter-Lab	38.8450, -0.6237, -5.6885

Details

The HunterLab color $[38.8450, -0.6237, -5.6885]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[43.3268, -3.2212, 9.0812]$, and the grayscale version is $[38.8663, -2.0738, 2.1117]$.

A 20% lighter version of the original color is $[59.0598, -1.3186, -5.9143]$, and $[21.6796, -0.0309, -5.3410]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.3263, 0.6684, -10.7843]$, and if you desaturate by 10%, it is $[42.4697, -1.7083, -0.9469]$.

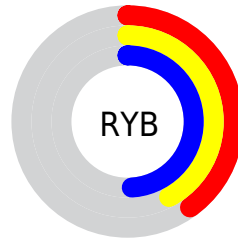
Distribution



Red (40%)

Green (42%)

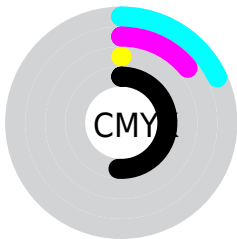
Blue (49%)



Red (40%)

Yellow (42%)

Blue (49%)

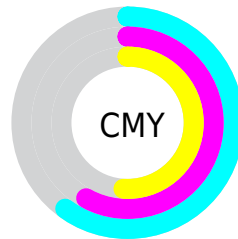


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8450, -0.6237, -5.6885 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 38.8450, -0.6237, -5.6885 by changing the saturation by 10% instead.

■ 38.8450, -0.6237,
-5.6885

■ 38.8450, -0.6237,
-5.6885

■ 149.6363, -5.7284,
-3.4334

■ 29.8036, -0.2622,
-5.6474

■ 59.1700, -1.4945,
-5.5568

■ 21.5978, 0.0432,
-5.5253

■ 70.3514, -1.9938,
-5.3991

■ 14.3244, 0.2822,
-5.3126

■ 82.1600, -2.5318,
-5.1869

■ 7.9834, 0.6317,
-5.2953

■ 94.5641, -3.1060,
-4.9243

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.5362, -3.7144,
-4.6149

0.0000, NaN, NaN

■ 121.0527, -4.3552,

0.0000, NaN, NaN

-4.2616

0.0000, NaN, NaN

135.0923, -5.0270,
-3.8670

■ 38.8450, -0.6237,
-5.6885

■ 38.8450, -0.6237,
-5.6885

■ 35.3263, 0.6684,
-10.7843

■ 42.4697, -1.7083,
-0.9469

■ 31.9264, 2.2188,
-16.3198

■ 46.1859, -2.6219,
3.5065

■ 28.6663, 4.0880,
-22.3937

■ 49.9848, -3.3953,
7.7268

■ 25.5721, 6.3501,
-29.1162

■ 53.8587, -4.0524,
11.7577

■ 22.6789, 9.0876,
-36.5899

■ 57.8013, -4.6121,
15.6342

■ 20.0330, 12.3757,
-44.8623

■ 61.8072, -5.0896,
19.3841

■ 17.6939, 16.2394,
-53.8273

■ 65.8719, -5.4970,
23.0302

■ 15.7042, 20.5105,
-63.2155

■ 69.9917, -5.8442,
26.5906

■ 15.2678, 21.5299,
-65.5604

■ 74.1633, -6.1394,
30.0805

Harmonies

Analogous

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



38.8458, -4.5333, -5.3683



38.8450, -0.6237, -5.6885



38.8458, 3.0356, -3.7651

Triad

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



38.8458, -0.6244, -5.6878



38.8458, 3.8464, 6.5629



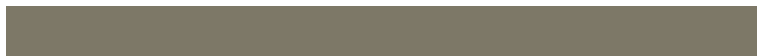
38.8458, -9.0085, 4.4091

Complementary

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



38.8450, -0.6237, -5.6885



43.3268, -3.2212, 9.0812

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.



38.8458, -6.9339, 7.1981



38.8450, -0.6237, -5.6885



38.8458, 0.4464, 8.3529

Square

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



38.8458, -0.6244, -5.6878



38.8458, 5.6847, 3.4594



38.8458, -3.5042, 8.5731



38.8458, -9.2693, 0.7197

Rectangle

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



38.8450, -0.6237, -5.6885



38.8458, 4.8020, -1.5733



38.8458, -3.5042, 8.5731



38.8458, -8.5041, 5.4728

Sweetspot

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



38.8458, -0.6244, -5.6878



58.0538, -2.6085, 0.2426



43.4786, -9.1294, 2.4577



27.5525, -1.2091, -0.0499



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.8458, -0.6244, -5.6878



50.1244, -0.1959, -10.2146



37.9793, 3.2949, -6.8287



20.8761, -0.7748, -0.8199



15.5671, 22.0914, -67.1465

0.0000, NaN, NaN

Inverse Universe

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



38.9147, 5.3585, 2.4562



50.2865, 9.5478, 3.3736



44.2472, -7.2055, 9.9438



20.8783, 0.7794, 1.1964



21.5387, 37.2971, 10.7280

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.8450, -0.6237, -5.6885 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 38.8450, -0.6237, -5.6885 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

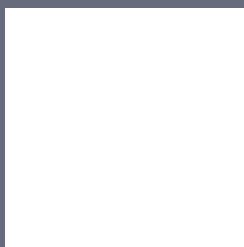
Any Text WCAG AAA × Fail

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

HunterLab 38.8450, -0.6237, -5.6885 Background



This preview shows how black text looks on a background with the HunterLab color 38.8450, -0.6237, -5.6885.



This preview shows how white text looks on a background with the HunterLab color 38.8450, -0.6237, -5.6885.

-5.6885.

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

38.8450, -0.6237, -5.6885

Protanopia

38.7290, 0.3680, -5.8315

Deuteranopia

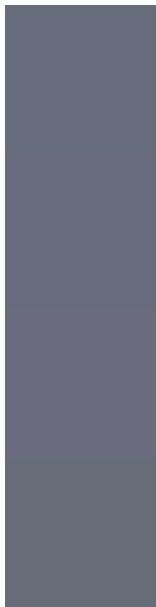
38.8635, 2.1979, -5.6137



Tritanopia

38.8202, -2.5585, -2.3012

Trichromacy



Original Color

38.8450, -0.6237, -5.6885

Protanomaly

38.6512, 0.1020, -5.9438

Deuteranomaly

38.8868, 0.9062, -5.6042

Tritanomaly

38.9134, -2.0472, -3.6189

Monochromacy



Original Color

38.8450, -0.6237, -5.6885

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.7353, -1.6881, -0.5283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8450, -0.6237, -5.6885 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, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(103, 108, 125)  
}
```

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, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 108, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8450, -0.6237, -5.6885 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, 108, 125) }
```


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

```
.border{ border-color:rgb(103, 108, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 108, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(103, 108,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8450, -0.6237, -5.6885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 108, 125) }
```

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

```
.background{ background-color: rgb(103,  
108, 125) }
```

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