

Converting Colors

HunterLab(38.9836, -8.8845,
-5.3825)

Have a look what the booklet for
HunterLab(38.9836, -8.8845,
-5.3825) contains.

HunterLab(38.9812, -8.8548, -5.1384)	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(38.9812, -8.8548,
-5.1384)

Conversions

Conversions Part 1

Format	Color
Hex	50727C
RGB	80, 114, 124
RGB Percent	31%, 45%, 49%
CMY	0.6863, 0.5529, 0.5137
CMYK	0.35, 0.08, 0.00, 0.51
HSL	194°, 22%, 40%
HSV	194°, 35%, 49%
XYZ	12.9637, 15.1953, 21.3185
YIQ	104.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

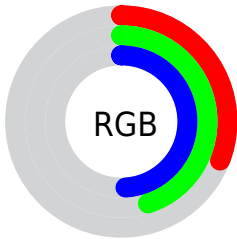
Format	Color
RYB	80, 99, 124
Decimal	5272188
CIELab	45.90, -9.44, -9.41
CIELCh	46, 13.327, 224.910
Yxy	15.1959, 0.2620, 0.3071
Android (android.graphics.Color)	4283462268 (0xFF50727C)
YUV	104.9740, 9.3798, -21.9022
Hunter-Lab	38.9812, -8.8548, -5.1384

Details

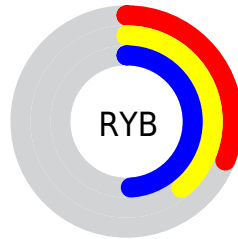
The HunterLab color **38.9812, -8.8548, -5.1384** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34.8952, 7.5632, 8.7390**, and the grayscale version is **37.5479, -2.0035, 2.0400**.

A 20% lighter version of the original color is **59.3903, -10.9653, -5.1207**, and **21.7060, -6.6220, -4.9233** is the 20% darker color. If you saturate the color by 10%, you get **37.5221, -10.0096, -7.1859**, and if you desaturate by 10%, it is **40.5364, -7.3865, -3.0420**.

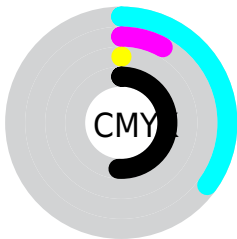
Distribution



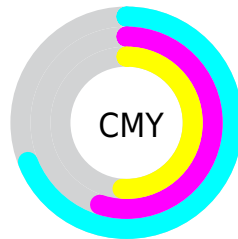
- Red (31%)
- Green (45%)
- Blue (49%)



- Red (31%)
- Yellow (39%)
- Blue (49%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9812, -8.8548, -5.1384 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 38.9812, -8.8548, -5.1384 by changing the saturation by 10% instead.

■ 38.9812, -8.8548,
-5.1384

■ 38.9812, -8.8548,
-5.1384

■ 149.8496,
-18.8404, -2.6484

■ 29.9283, -7.7578,
-5.1286

■ 59.3267, -11.0278,
-4.9478

■ 21.7098, -6.6374,
-5.0383

■ 70.5174, -12.1160,
-4.7623

■ 14.4221, -5.4708,
-4.8569

■ 82.3348, -13.2104,
-4.5232

■ 8.0828, -5.5199,
-4.8201

■ 94.7472, -14.3136,
-4.2348

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.7274,
-15.4271, -3.9004

0.0000, NaN, NaN

121.2515,

0.0000, NaN, NaN

-16.5522, -3.5230

0.0000, NaN, NaN

135.2985,
-17.6897, -3.1049

■ 38.9812, -8.8548,
-5.1384

■ 38.9812, -8.8548,
-5.1384

■ 37.5221, -10.0096,
-7.1859

■ 40.5364, -7.3865,
-3.0420

■ 36.1605, -10.8271,
-9.1739

■ 42.1812, -5.6285,
-0.9101

■ 34.8996, -11.2895,
-11.0885

■ 43.9118, -3.6068,
1.2479

■ 33.7408, -11.3864,
-12.9170

■ 45.7234, -1.3465,
3.4240

■ 32.6826, -11.1179,
-14.6492

■ 47.6114, 1.1284,
5.6112

■ 31.7149, -10.5215,
-16.2905

■ 49.5712, 3.7958,
7.8044

■ 31.2867, -10.2230,
-17.0371

■ 51.5986, 6.6356,
9.9994

■ 53.6892, 9.6295,
12.1934

■ 55.8394, 12.7613,
14.3840

Harmonies

Analogous

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



38.9820, -11.2038, -0.3826



38.9812, -8.8548, -5.1384



38.9820, -4.6286, -8.1218

Triad

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



38.9820, -8.8552, -5.1378



38.9820, 7.9553, -0.4129



38.9820, -4.5994, 10.1767

Complementary

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



38.9812, -8.8548, -5.1384



34.8952, 7.5632, 8.7390

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.



38.9820, 0.5315, 10.1708



38.9812, -8.8548, -5.1384



38.9820, 7.9641, 4.4705

Square

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



38.9820, -8.8552, -5.1378



38.9820, 5.1641, -5.1624



38.9820, 5.1876, 8.2080



38.9820, -8.8348, 8.2254

Rectangle

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



38.9812, -8.8548, -5.1384



38.9820, -1.2301, -8.4878



38.9820, 5.1876, 8.2080



38.9820, -2.9267, 10.3945

Sweetspot

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



38.9820, -8.8552, -5.1378



56.9113, -6.3750, -0.0023



41.0504, -18.1717, 11.1556



27.4986, -3.2330, -0.1520



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.



38.9820, -8.8552, -5.1378



50.0502, -13.0815, -9.1398



33.0098, 0.7115, -13.8976



20.8934, -2.1035, 0.2290



31.5387, -10.2986, -17.1889



67.9145, -21.1416, -39.2485

Inverse Universe

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



33.5227, 17.0453, -7.2025



41.4291, 28.8567, -12.2756



40.4354, -2.3236, 13.7466



20.1561, 1.1899, -0.0565



22.8276, 42.8375, -14.2759



49.7226, 93.0830, -29.3536

Previews

White Background



This preview shows how the HunterLab color 38.9812, -8.8548, -5.1384 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 38.9812, -8.8548, -5.1384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

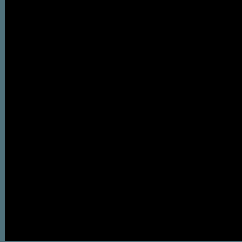
Any Text WCAG AA × Fail

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 38.9812, -8.8548, -5.1384 Background



This preview shows how black text looks on a background with the HunterLab color 38.9812, -8.8548, -5.1384.



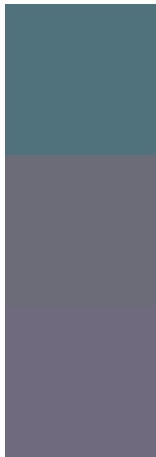
This preview shows how white text looks on a background with the HunterLab color 38.9812, -8.8548, -5.1384.

-5.1384.

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

38.9812, -8.8548, -5.1384

Protanopia

38.9961, -0.4242, -2.9948

Deuteranopia

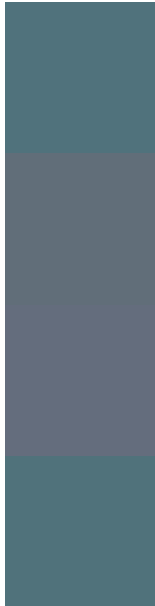
38.9794, 2.6535, -5.9583



Tritanopia

38.9489, -9.0374, -4.6834

Trichromacy



Original Color

38.9812, -8.8548, -5.1384

Protanomaly

38.8249, -3.7759, -3.7666

Deuteranomaly

38.8938, -1.8579, -5.6430

Tritanomaly

38.9489, -9.0374, -4.6834

Monochromacy



Original Color

38.9812, -8.8548, -5.1384

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.9233, -4.6537, -0.6793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9812, -8.8548, -5.1384 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(80, 114, 124)` looks like.

```
.text, #text, p{  
    color:rgb(80, 114, 124)  
}
```

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(80, 114, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 114, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9812, -8.8548, -5.1384 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(80, 114, 124) }
```


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

```
.border{ border-color:rgb(80, 114, 124) }
```

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

Here you see how a box with a 4 pixel rgb(80, 114, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 114, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 114, 124);  
box-shadow:4px 4px 4px 4px rgb(80, 114,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9812, -8.8548, -5.1384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 114, 124) }
```

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

```
.background{ background-color: rgb(80, 114,  
124) }
```

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