

Converting Colors

HunterLab(38.4675, -8.1006,
-15.0347)

Have a look what the booklet for
HunterLab(38.4675, -8.1006,
-15.0347) contains.

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Color

**HunterLab(38.4579, -8.0638,
-15.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	3F718D
RGB	63, 113, 141
RGB Percent	25%, 44%, 55%
CMY	0.7529, 0.5569, 0.4471
CMYK	0.55, 0.20, 0.00, 0.45
HSL	202°, 38%, 40%
HSV	202°, 55%, 55%
XYZ	12.7627, 14.7901, 27.3814
YIQ	101.2420, -38.7880, -1.8920

Conversions

Conversions Part 2

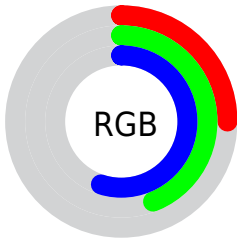
Format	Color
RYB	63, 93, 141
Decimal	4157837
CIELab	45.35, -8.38, -20.47
CIELCh	45, 22.120, 247.735
Yxy	14.7906, 0.2323, 0.2692
Android (android.graphics.Color)	4282347917 (0xFF3F718D)
YUV	101.2420, 19.6007, -33.5382
Hunter-Lab	38.4579, -8.0638, -15.2930

Details

The HunterLab color **38.4579, -8.0638, -15.2930** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **36.7483, 11.5785, 15.2586**, and the grayscale version is **36.1054, -1.9265, 1.9617**.

A 20% lighter version of the original color is **58.7906, -10.2556, -16.0213**, and **21.2977, -5.6017, -14.5279** is the 20% darker color. If you saturate the color by 10%, you get **36.4502, -7.8337, -18.6663**, and if you desaturate by 10%, it is **40.5919, -7.8771, -11.9328**.

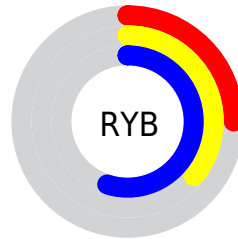
Distribution



Red (25%)

Green (44%)

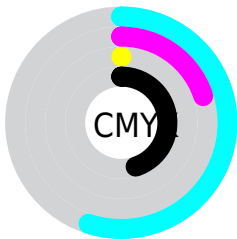
Blue (55%)



Red (25%)

Yellow (36%)

Blue (55%)

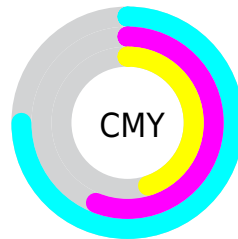


Cyan (55%)

Magenta (20%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4579, -8.0638, -15.2930 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 38.4579, -8.0638, -15.2930 by changing the saturation by 10% instead.

■ 38.4579, -8.0638,
-15.2930

■ 38.4579, -8.0638,
-15.2930

■ 149.0287,
-17.5802, -16.3533

■ 29.4493, -7.0368,
-14.8702

■ 58.7243, -10.1116,
-15.9443

■ 21.2797, -5.9943,
-14.4002

■ 69.8792, -11.1432,
-16.1726

■ 14.0472, -4.9158,
-13.9359

■ 81.6627, -12.1842,
-16.3390

■ 7.6932, -5.1580,
-14.3223

■ 94.0428, -13.2365,
-16.4468

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.9921,
-14.3014, -16.4992

0.0000, NaN, NaN

120.4866,

0.0000, NaN, NaN

-15.3800, -16.4993

0.0000, NaN, NaN

134.5051,
-16.4727, -16.4498

■ 38.4579, -8.0638,
-15.2930

■ 38.4579, -8.0638,
-15.2930

■ 36.4502, -7.8337,
-18.6663

■ 40.5919, -7.8771,
-11.9328

■ 34.5737, -7.1586,
-22.0357

■ 42.8422, -7.3076,
-8.6028

■ 32.8336, -6.0222,
-25.3781

■ 45.2016, -6.3912,
-5.3126

■ 31.2275, -4.4414,
-28.6806

■ 47.6621, -5.1634,
-2.0686

■ 30.4968, -3.6388,
-30.2632

■ 50.2163, -3.6573,
1.1260

■ 52.8571, -1.9032,
4.2705

■ 55.5782, 0.0715,
7.3658

■ 58.3739, 2.2428,
10.4139

■ 61.2387, 4.5896,
13.4177

Harmonies

Analogous

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



38.4586, -14.1664, -8.7122



38.4579, -8.0638, -15.2930



38.4586, 0.1747, -16.7616

Triad

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



38.4586, -8.0639, -15.2923



38.4586, 15.5540, 4.1315



38.4586, -11.5714, 12.4873

Complementary

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



38.4579, -8.0638, -15.2930



36.7483, 11.5785, 15.2586

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.



38.4586, -4.2333, 14.5510



38.4579, -8.0638, -15.2930



38.4586, 11.7717, 10.4586

Square

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



38.4586, -8.0639, -15.2923



38.4586, 14.3034, -4.2886



38.4586, 4.3489, 13.8990



38.4586, -16.0653, 7.5401

Rectangle

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



38.4579, -8.0638, -15.2930



38.4586, 5.8670, -14.4036



38.4586, 4.3489, 13.8990



38.4586, -9.3819, 13.4861

Sweetspot

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



38.4586, -8.0639, -15.2923



63.0973, -7.2779, -3.6520



45.6620, -27.3949, 15.0095



29.5515, -3.5792, -2.0758



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



38.4586, -8.0639, -15.2923



48.2364, -10.3440, -25.9272



28.2347, 9.7247, -35.3481



24.0728, -2.0893, -0.0515



29.1734, -3.5583, -28.7829



3.5102, -1.3050, -1.5703

Inverse Universe

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



32.2653, 30.6304, -8.2910



39.4068, 49.5266, -12.2389



46.6923, -6.1253, 22.6922



23.4064, 1.3270, 0.2516



24.1775, 44.2261, -6.2480



2.4518, 4.6370, -1.8134

Previews

White Background



This preview shows how the HunterLab color 38.4579, -8.0638, -15.2930 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 38.4579, -8.0638, -15.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

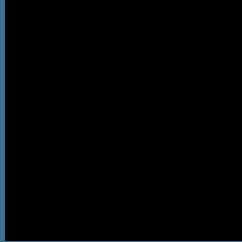
Any Text WCAG AA × Fail

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 38.4579, -8.0638, -15.2930 Background



This preview shows how black text looks on a background with the HunterLab color 38.4579, -8.0638, -15.2930.



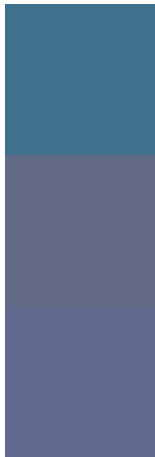
This preview shows how white text looks on a background with the HunterLab color 38.4579, -8.0638, -15.2930.

-15.2930.

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

38.4579, -8.0638, -15.2930

Protanopia

38.3905, 1.3682, -12.2929

Deuteranopia

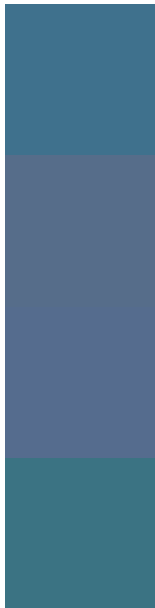
38.2462, 2.7927, -16.6689



Tritanopia

38.5244, -13.5106, -6.3582

Trichromacy



Original Color

38.4579, -8.0638, -15.2930

Protanomaly

38.4066, -2.6381, -13.4991

Deuteranomaly

38.2223, -1.5486, -16.1715

Tritanomaly

38.5097, -11.6255, -9.5337

Monochromacy



Original Color

38.4579, -8.0638, -15.2930

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.5928, -4.8455, -4.3081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4579, -8.0638, -15.2930 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(63, 113, 141)` looks like.

```
.text, #text, p{  
    color:rgb(63, 113, 141)  
}
```

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(63, 113, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 113, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4579, -8.0638, -15.2930 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(63, 113, 141) }
```


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

```
.border{ border-color:rgb(63, 113, 141) }
```

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

Here you see how a box with a 4 pixel rgb(63, 113, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 113, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 113, 141);  
box-shadow:4px 4px 4px 4px rgb(63, 113,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4579, -8.0638, -15.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 113, 141) }
```

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

```
.background{ background-color: rgb(63, 113,  
141) }
```

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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