

Converting Colors

HunterLab(38.4067, -3.9213,
-14.7042)

Have a look what the booklet for
HunterLab(38.4067, -3.9213,
-14.7042) contains.

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Color

**HunterLab(38.4067, -3.9213,
-14.7042)**

Conversions

Conversions Part 1

Format	Color
Hex	506E8C
RGB	80, 110, 140
RGB Percent	31%, 43%, 55%
CMY	0.6863, 0.5686, 0.4510
CMYK	0.43, 0.21, 0.00, 0.45
HSL	210°, 27%, 43%
HSV	210°, 43%, 55%
XYZ	13.6178, 14.7507, 26.9403
YIQ	104.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

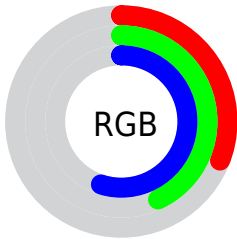
Format	Color
R _Y B	80, 100, 140
Decimal	5271180
CIE Lab	45.29, -2.55, -19.88
CIE LCh	45, 20.046, 262.686
Yxy	14.7513, 0.2462, 0.2667
Android (android.graphics.Color)	4283461260 (0xFF506E8C)
YUV	104.4500, 17.5262, -21.4426
Hunter-Lab	38.4067, -3.9213, -14.7042

Details

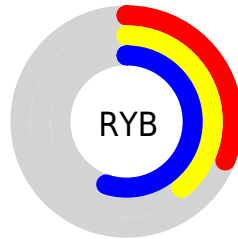
The HunterLab color $[38.4067, -3.9213, -14.7042]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[41.6015, 3.7412, 14.8831]$, and the grayscale version is $[37.3206, -1.9913, 2.0277]$.

A 20% lighter version of the original color is $[58.5579, -4.9375, -15.6803]$, and $[21.3411, -2.8057, -13.7721]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.7109, -3.3569, -19.2473]$, and if you desaturate by 10%, it is $[41.2266, -4.1197, -10.3507]$.

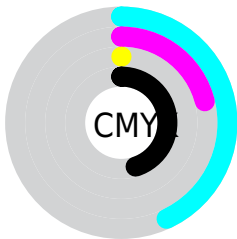
Distribution



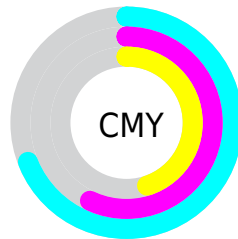
- Red (31%)
- Green (43%)
- Blue (55%)



- Red (31%)
- Yellow (39%)
- Blue (55%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4067, -3.9213, -14.7042 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 38.4067, -3.9213, -14.7042 by changing the saturation by 10% instead.

■ 38.4067, -3.9213,
-14.7042

■ 38.4067, -3.9213,
-14.7042

■ 148.9483,
-10.9106, -15.5996

■ 29.4024, -3.2780,
-14.2969

■ 58.6654, -5.2923,
-15.3194

■ 21.2377, -2.6621,
-13.8383

■ 69.8168, -6.0186,
-15.5289

■ 14.0106, -2.0722,
-13.3757

■ 81.5969, -6.7715,
-15.6765

■ 7.6539, -1.8617,
-13.7521

■ 93.9739, -7.5502,
-15.7656

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.9201, -8.3541,
-15.7995

0.0000, NaN, NaN

120.4117, -9.1826,

0.0000, NaN, NaN

-15.7813

0.0000, NaN, NaN

134.4274,
-10.0349, -15.7138

■ 38.4067, -3.9213,
-14.7042

■ 38.4067, -3.9213,
-14.7042

■ 35.7109, -3.3569,
-19.2473

■ 41.2266, -4.1197,
-10.3507

■ 33.1507, -2.3756,
-23.9890

■ 44.1560, -3.9981,
-6.1762

■ 30.7419, -0.9274,
-28.9249

■ 47.1851, -3.5981,
-2.1640

■ 28.5001, 1.0306,
-34.0360

■ 50.3045, -2.9559,
1.7026

■ 26.4394, 3.5223,
-39.2852

■ 53.5062, -2.1024,
5.4403

■ 25.0477, 5.5088,
-43.1993

■ 56.7832, -1.0640,
9.0644

■ 60.1296, 0.1371,
12.5892

■ 63.5400, 1.4818,
16.0274

■ 67.0101, 2.9541,
19.3903

Harmonies

Analogous

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



38.4074, -10.6357, -10.9100



38.4067, -3.9213, -14.7042



38.4074, 3.8386, -13.3395

Triad

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



38.4074, -3.9215, -14.7034



38.4074, 12.6146, 7.1443



38.4074, -13.1510, 9.6982

Complementary

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



38.4067, -3.9213, -14.7042



41.6015, 3.7412, 14.8831

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.



38.4074, -7.6065, 12.9637



38.4067, -3.9213, -14.7042



38.4074, 7.3601, 11.7050

Square

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



38.4074, -3.9215, -14.7034



38.4074, 13.7962, 0.2506



38.4074, -0.1448, 13.6180



38.4074, -15.6844, 3.8439

Rectangle

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



38.4067, -3.9213, -14.7042



38.4074, 8.5315, -9.7952



38.4074, -0.1448, 13.6180



38.4074, -11.5995, 11.0838

Sweetspot

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



38.4074, -3.9215, -14.7034



62.4812, -4.8065, -3.0923



46.4393, -21.8945, 9.7602



29.6029, -2.3698, -1.9878



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.



38.4074, -3.9215, -14.7034



47.6898, -4.5348, -25.0763



30.7966, 9.7748, -28.6189



22.9747, -1.6095, -0.3381



23.6940, 5.0316, -40.4772



2.5794, -0.6650, -1.7886

Inverse Universe

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



35.2690, 21.7809, -2.6860



43.2124, 35.8319, -4.1359



49.6187, -9.5019, 21.3391



22.5556, 1.1278, 0.6094



23.1321, 41.3302, 1.6472



1.9621, 3.6450, -0.9399

Previews

White Background



This preview shows how the HunterLab color 38.4067, -3.9213, -14.7042 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 38.4067, -3.9213, -14.7042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

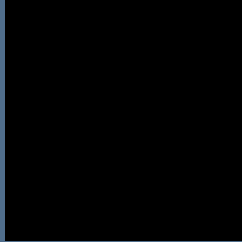
Any Text WCAG AA × Fail

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 38.4067, -3.9213, -14.7042 Background



This preview shows how black text looks on a background with the HunterLab color 38.4067, -3.9213, -14.7042.



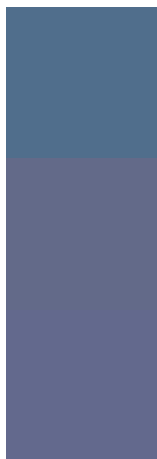
This preview shows how white text looks on a background with the HunterLab color 38.4067, -3.9213, -14.7042.

-14.7042.

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

38.4067, -3.9213, -14.7042

Protanopia

38.4277, 1.5685, -12.8092

Deuteranopia

38.3130, 2.8598, -15.3379



Tritanopia

38.3552, -9.7878, -4.9991

Trichromacy



Original Color

38.4067, -3.9213, -14.7042

Protanomaly

38.2435, -0.3740, -13.7183

Deuteranomaly

38.3586, 0.2502, -15.3093

Tritanomaly

38.4072, -7.6438, -8.5289

Monochromacy



Original Color

38.4067, -3.9213, -14.7042

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.4504, -3.1747, -3.6228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4067, -3.9213, -14.7042 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, 110, 140)` looks like.

```
.text, #text, p{  
    color:rgb(80, 110, 140)  
}
```

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, 110, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 110, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4067, -3.9213, -14.7042 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, 110, 140) }
```


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

```
.border{ border-color:rgb(80, 110, 140) }
```

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

Here you see how a box with a 4 pixel rgb(80, 110, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 110, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 110, 140);  
box-shadow:4px 4px 4px 4px rgb(80, 110,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4067, -3.9213, -14.7042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 110, 140) }
```

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

```
.background{ background-color: rgb(80, 110,  
140) }
```

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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