

Converting Colors

HunterLab(38.1336, -14.5111,
-16.5656)

Have a look what the booklet for
HunterLab(38.1336, -14.5111,
-16.5656) contains.

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Color

**HunterLab(38.0050,
-14.2438, -16.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	00748E
RGB	0, 116, 142
RGB Percent	0%, 45%, 56%
CMY	0.9999, 0.5451, 0.4431
CMYK	1.00, 0.18, 0.00, 0.44
HSL	191°, 100%, 28%
HSV	191°, 100%, 56%
XYZ	11.1279, 14.4438, 27.7926
YIQ	84.2800, -77.4820, -16.5060

Conversions

Conversions Part 2

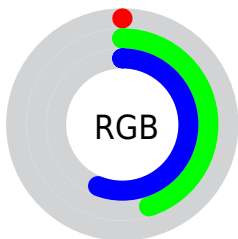
Format	Color
RYB	0, 64, 142
Decimal	29838
CIELab	44.86, -17.74, -21.93
CIELCh	45, 28.206, 231.038
Yxy	14.4443, 0.2085, 0.2707
Android (android.graphics.Color)	4278219918 (0xFF00748E)
YUV	84.2800, 28.4560, -73.9136
Hunter-Lab	38.0050, -14.2438, -16.7546

Details

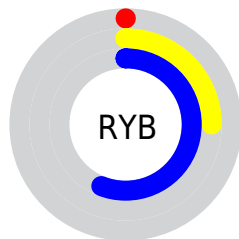
The HunterLab color **38.0050, -14.2438, -16.7546** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25.4766, 36.1678, 16.3303**, and the grayscale version is **29.7997, -1.5900, 1.6191**.

A 20% lighter version of the original color is **58.1634, -17.2865, -17.6988**, and **22.1516, -6.5419, -13.5654** is the 20% darker color. If you saturate the color by 10%, you get **38.0043, -14.2427, -16.7562**, and if you desaturate by 10%, it is **38.9195, -14.8306, -15.2638**.

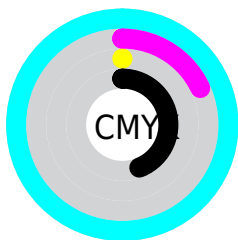
Distribution



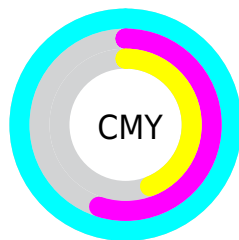
- Red (0%)
- Green (45%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0050, -14.2438, -16.7546 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 38.0050, -14.2438, -16.7546 by changing the saturation by 10% instead.

■ 38.0050, -14.2438,
-16.7546

■ 38.0050, -14.2438,
-16.7546

■ 148.3164,
-27.9550, -18.2461

■ 29.0350, -12.5651,
-16.2929

■ 58.2025, -17.4289,
-17.4994

■ 20.9082, -10.7898,
-15.7980

■ 69.3262, -18.9692,
-17.7769

■ 13.7240, -8.8594,
-15.3430

■ 81.0801, -20.4886,
-17.9928

■ 7.3377, -10.9245,
-16.2138

■ 93.4320, -21.9937,
-18.1497

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.3545,
-23.4894, -18.2508

0.0000, NaN, NaN

■ 119.8232,

0.0000, NaN, NaN

-24.9797, -18.2987

0.0000, NaN, NaN

133.8168,
-26.4674, -18.2963

■ 38.0050, -14.2438,
-16.7546

■ 38.0050, -14.2438,
-16.7546

■ 38.0043, -14.2427,
-16.7562

■ 38.9195, -14.8306,
-15.2638

■ 39.9122, -15.1274,
-13.6876

■ 41.0175, -15.0072,
-11.9800

■ 42.2405, -14.4545,
-10.1456

■ 43.5830, -13.4705,
-8.1947

■ 45.0443, -12.0683,
-6.1402

■ 46.6220, -10.2694,
-3.9967

■ 48.3123, -8.1003,
-1.7785

■ 50.1109, -5.5905,
0.5010

Harmonies

Analogous

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



38.0057, -19.5587, -5.7408



38.0050, -14.2438, -16.7546



38.0057, -5.2160, -23.1221

Triad

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



38.0057, -14.2436, -16.7539



38.0057, 20.7731, -1.1442



38.0057, -9.2115, 16.2893

Complementary

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



38.0050, -14.2438, -16.7546



25.4766, 36.1678, 16.3303

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.



38.0057, 1.2647, 16.8821



38.0050, -14.2438, -16.7546



38.0057, 19.3947, 8.5077

Square

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



38.0057, -14.2436, -16.7539



38.0057, 15.5312, -12.5930



38.0057, 11.9521, 14.4611



38.0057, -16.8872, 12.5252

Rectangle

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



38.0050, -14.2438, -16.7546



38.0057, 2.0344, -22.9231



38.0057, 11.9521, 14.4611



38.0057, -5.9303, 16.8148

Sweetspot

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



38.0057, -14.2436, -16.7539



61.7723, -13.8047, -5.4923



44.0579, -37.2551, 25.3562



28.8217, -6.9631, -3.0968



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.



38.0057, -14.2436, -16.7539



50.2494, -18.6212, -22.6096



20.0352, 17.6216, -63.0784



24.3941, -2.6091, 0.3329



36.0447, -13.5410, -15.8216



3.9041, -1.8148, -0.9622

Inverse Universe

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



26.4808, 50.1064, -19.8013



35.1317, 66.4299, -25.8700



37.2515, 7.7331, 23.0886



23.4400, 1.5070, -0.2253



25.0956, 47.4978, -18.8282



2.5112, 4.8458, -2.6047

Previews

White Background



This preview shows how the HunterLab color 38.0050, -14.2438, -16.7546 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 38.0050, -14.2438, -16.7546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

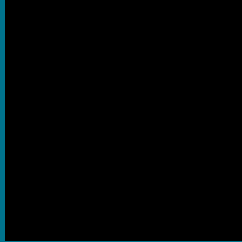
Any Text WCAG AA × Fail

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 38.0050, -14.2438, -16.7546 Background



This preview shows how black text looks on a background with the HunterLab color 38.0050, -14.2438, -16.7546.



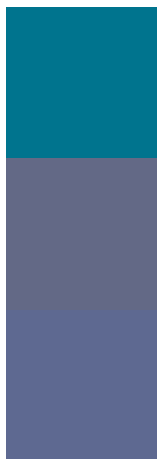
This preview shows how white text looks on a background with the HunterLab color 38.0050, -14.2438, -16.7546.

-14.2438, -16.7546.

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

38.0050, -14.2438, -16.7546

Protanopia

38.0487, 1.4406, -11.6749

Deuteranopia

38.1145, 2.5111, -18.1409



Tritanopia

38.0646, -18.2693, -8.1394

Trichromacy



Original Color

38.0050, -14.2438, -16.7546

Protanomaly

37.1486, -7.1869, -15.0080

Deuteranomaly

37.2982, -6.0904, -19.0667

Tritanomaly

37.9322, -16.8478, -11.0424

Monochromacy



Original Color

38.0050, -14.2438, -16.7546

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.8474, -9.7682, -5.4276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0050, -14.2438, -16.7546 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(0, 116, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 142)  
}
```

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(0, 116, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0050, -14.2438, -16.7546 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(0, 116, 142) }
```


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

```
.border{ border-color:rgb(0, 116, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0050, -14.2438, -16.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 142) }
```

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

```
.background{ background-color: rgb(0, 116,  
142) }
```

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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