

Converting Colors

HunterLab(40.5064, -15.6769,
11.1727)

Have a look what the booklet for
HunterLab(40.5064, -15.6769,
11.1727) contains.

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Color

**HunterLab(40.5038,
-15.6650, 11.1693)**

Conversions

Conversions Part 1

Format	Color
Hex	577958
RGB	87, 121, 88
RGB Percent	34%, 47%, 35%
CMY	0.6588, 0.5255, 0.6549
CMYK	0.28, 0.00, 0.27, 0.53
HSL	122°, 16%, 41%
HSV	122°, 28%, 47%
XYZ	12.5293, 16.4056, 11.7388
YIQ	107.0720, -9.6710, -17.4710

Conversions

Conversions Part 2

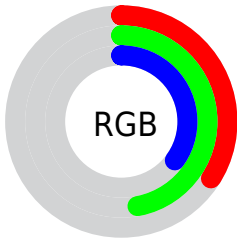
Format	Color
RYB	87, 120, 121
Decimal	5732696
CIELab	47.50, -19.25, 14.30
CIElCh	48, 23.979, 143.394
Yxy	16.4063, 0.3080, 0.4033
Android (android.graphics.Color)	4283922776 (0xFF577958)
YUV	107.0720, -9.4025, -17.6031
Hunter-Lab	40.5038, -15.6650, 11.1693

Details

The HunterLab color $40.5038, -15.6650, 11.1693$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $34.9825, 13.7068, -8.3214$, and the grayscale version is $38.4095, -2.0494, 2.0869$.

A 20% lighter version of the original color is $61.2457, -19.1486, 14.1271$, and $22.9195, -11.9911, 8.2464$ is the 20% darker color. If you saturate the color by 10%, you get $39.6139, -19.5555, 13.7637$, and if you desaturate by 10%, it is $41.5318, -11.2967, 8.2743$.

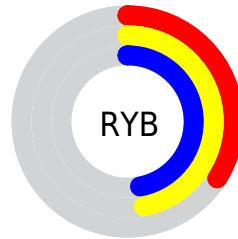
Distribution



Red (34%)

Green (47%)

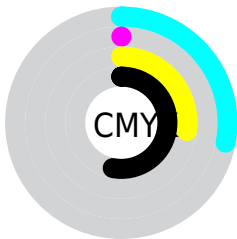
Blue (35%)



Red (34%)

Yellow (47%)

Blue (47%)

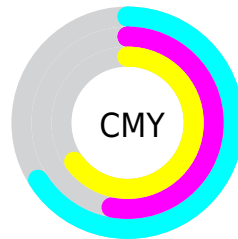


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5038, -15.6650, 11.1693 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 40.5038, -15.6650, 11.1693 by changing the saturation by 10% instead.

■ 40.5038, -15.6650,
11.1693

■ 40.5038, -15.6650,
11.1693

152.2259,
-30.0220, 23.3689

■ 31.3243, -13.9008,
9.7263

■ 61.0754, -19.0139,
13.9440

■ 22.9664, -12.0367,
8.2157

■ 72.3689, -20.6308,
15.3004

■ 15.5217, -10.0183,
6.5961

■ 84.2835, -22.2238,
16.6468

■ 9.1139, -9.6901,
6.3797

■ 96.7886, -23.7997,
17.9884

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.8575,
-25.3639, 19.3288

0.0000, NaN, NaN

123.4667,

0.0000, NaN, NaN

-26.9203, 20.6710

0.0000, NaN, NaN

137.5957,
-28.4722, 22.0171

■ 40.5038, -15.6650,
11.1693

■ 40.5038, -15.6650,
11.1693

■ 39.6139, -19.5555,
13.7637

■ 41.5318, -11.2967,
8.2743

■ 38.8608, -22.9233,
16.0269

■ 42.6925, -6.4983,
5.1107

■ 38.2444, -25.7376,
17.9370

■ 43.9824, -1.3236,
1.7142

■ 37.7614, -27.9825,
19.4812

■ 45.3964, 4.1740,
-1.8802

■ 37.4055, -29.6609,
20.6585

■ 46.9285, 9.9437,
-5.6396

■ 37.1674, -30.7981,
21.4817

■ 48.5724, 15.9387,
-9.5338

■ 37.0175, -31.5171,
21.9918

■ 50.3217, 22.1175,
-13.5361

■ 36.9908, -31.6443,
22.0757

■ 52.1699, 28.4439,
-17.6236

■ 54.1107, 34.8871,
-21.7768

Harmonies

Analogous

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



40.5047, -9.0878, 15.0156



40.5038, -15.6650, 11.1693



40.5047, -18.5878, 4.1317

Triad

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



40.5047, -15.6658, 11.1697



40.5047, -4.2201, -18.8435



40.5047, 15.7806, 8.4503

Complementary

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



40.5038, -15.6650, 11.1693



34.9825, 13.7068, -8.3214

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.



40.5047, 17.3835, 0.1783



40.5038, -15.6650, 11.1693



40.5047, 5.2599, -16.9449

Square

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



40.5047, -15.6658, 11.1697



40.5047, -12.3800, -14.1536



40.5047, 13.3781, -9.4360



40.5047, 9.1783, 13.7137

Rectangle

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



40.5038, -15.6650, 11.1693



40.5047, -18.2777, -1.9804



40.5047, 13.3781, -9.4360



40.5047, 16.9454, 5.9861

Sweetspot

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



40.5047, -15.6658, 11.1697



57.1127, -8.7623, 6.8827



42.8811, -6.9222, 13.8345



27.2104, -4.5961, 3.5584



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.5047, -15.6658, 11.1697



53.3767, -24.5503, 17.3363



40.8812, -13.4880, 5.7403



21.0991, -3.4619, 2.6916



38.2918, -32.7601, 22.8582



83.6182, -71.6331, 50.1199

Inverse Universe

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



34.9825, 13.7068, -8.3214



44.3481, 23.6196, -14.6172



34.4524, 11.0197, -0.8580



20.1881, 1.3614, -0.5106



23.9654, 46.8296, -29.3829



52.3197, 102.2018, -63.8866

Previews

White Background



This preview shows how the HunterLab color 40.5038, -15.6650, 11.1693 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 40.5038, -15.6650, 11.1693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

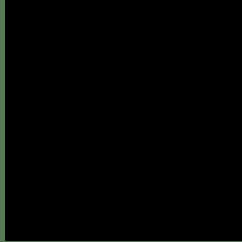
Any Text WCAG AA × Fail

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 40.5038, -15.6650, 11.1693 Background



This preview shows how black text looks on a background with the HunterLab color 40.5038, -15.6650, 11.1693.



This preview shows how white text looks on a background with the HunterLab color 40.5038,

-15.6650, 11.1693.

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

40.5038, -15.6650, 11.1693

Protanopia

40.2759, -3.3829, 12.4114

Deuteranopia

40.3804, 2.7625, 10.3981



Tritanopia

40.4365, -6.4774, -3.6448

Trichromacy



Original Color

40.5038, -15.6650, 11.1693

Protanomaly

40.1316, -8.1615, 11.8889

Deuteranomaly

40.2409, -4.6795, 10.4625

Tritanomaly

40.4362, -10.2096, 2.2612

Monochromacy



Original Color

40.5038, -15.6650, 11.1693

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.0100, -7.1813, 5.5876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5038, -15.6650, 11.1693 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(87, 121, 88)` looks like.

```
.text, #text, p{  
    color:rgb(87, 121, 88)  
}
```

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(87, 121, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 121, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5038, -15.6650, 11.1693 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(87, 121, 88) }
```


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

```
.border{ border-color:rgb(87, 121, 88) }
```

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

Here you see how a box with a 4 pixel rgb(87, 121, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 121, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 121, 88);  
box-shadow:4px 4px 4px 4px rgb(87, 121,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5038, -15.6650, 11.1693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 121, 88) }
```

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

```
.background{ background-color: rgb(87, 121,  
88) }
```

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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