

Converting Colors

HunterLab(40.1039, 0.0302,
-11.7315)

Have a look what the booklet for
HunterLab(40.1039, 0.0302,
-11.7315) contains.

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Color

**HunterLab(40.0363, 0.3128,
-12.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	656F8C
RGB	101, 111, 140
RGB Percent	40%, 44%, 55%
CMY	0.6039, 0.5647, 0.4510
CMYK	0.28, 0.21, 0.00, 0.45
HSL	225°, 16%, 47%
HSV	225°, 28%, 55%
XYZ	15.7849, 16.0291, 27.0730
YIQ	111.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

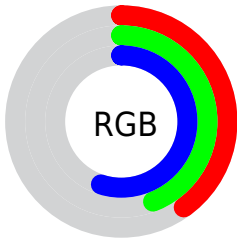
Format	Color
RYB	101, 109, 140
Decimal	6647692
CIELab	47.01, 3.23, -17.12
CIElCh	47, 17.422, 280.677
Yxy	16.0297, 0.2681, 0.2722
Android (android.graphics.Color)	4284837772 (0xFF656F8C)
YUV	111.3160, 14.1412, -9.0471
Hunter-Lab	40.0363, 0.3128, -12.0671

Details

The HunterLab color $40.0363, 0.3128, -12.0671$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $47.4136, -3.3604, 13.7607$, and the grayscale version is $39.9434, -2.1313, 2.1702$.

A 20% lighter version of the original color is $60.7139, -0.4918, -12.4390$, and $22.4724, 1.1129, -11.6535$ is the 20% darker color. If you saturate the color by 10%, you get $36.2604, 1.9107, -18.1923$, and if you desaturate by 10%, it is $43.9473, -0.9877, -6.4104$.

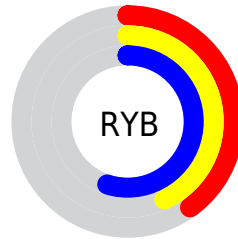
Distribution



Red (40%)

Green (44%)

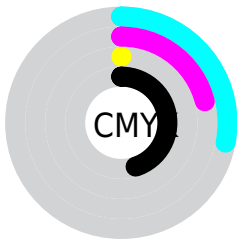
Blue (55%)



Red (40%)

Yellow (43%)

Blue (55%)

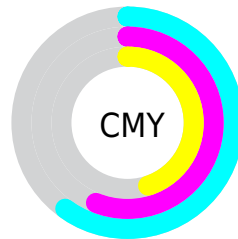


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0363, 0.3128, -12.0671 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 40.0363, 0.3128, -12.0671 by changing the saturation by 10% instead.

■ 40.0363, 0.3128,
-12.0671

■ 40.0363, 0.3128,
-12.0671

■ 151.4981, -4.2993,
-12.0566

■ 30.8953, 0.6027,
-11.7562

■ 60.5390, -0.4286,
-12.4738

■ 22.5797, 0.8299,
-11.3761

■ 71.8012, -0.8688,
-12.5783

■ 15.1827, 0.9821,
-10.9448

■ 83.6862, -1.3507,
-12.6221

■ 8.8115, 1.1257,
-10.6129

■ 96.1630, -1.8713,
-12.6093

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.2048, -2.4283,
-12.5433

0.0000, NaN, NaN

■ 122.7881, -3.0198,

0.0000, NaN, NaN

-12.4273

0.0000, NaN, NaN

136.8920, -3.6439,
-12.2643

■ 40.0363, 0.3128,
-12.0671

■ 40.0363, 0.3128,
-12.0671

■ 36.2604, 1.9107,
-18.1923

■ 43.9473, -0.9877,
-6.4104

■ 32.6391, 3.8763,
-24.8905

■ 47.9741, -2.0443,
-1.1379

■ 29.2017, 6.2916,
-32.2719

■ 52.1043, -2.9012,
3.8226

■ 25.9853, 9.2493,
-40.4373

■ 56.3271, -3.5929,
8.5292

■ 23.0387, 12.8348,
-49.4306

■ 60.6339, -4.1466,
13.0284

■ 20.4235, 17.0844,
-59.1440

■ 65.0176, -4.5842,
17.3578

■ 18.1866, 21.8472,
-69.2979

■ 69.4723, -4.9231,
21.5476

■ 17.7460, 22.8742,
-71.5598

■ 73.9929, -5.1776,
25.6224

■ 78.5752, -5.3590,
29.6022

Harmonies

Analogous

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



40.0371, -6.3724, -11.4197



40.0363, 0.3128, -12.0671



40.0371, 6.7425, -8.4440

Triad

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



40.0371, 0.3123, -12.0663



40.0371, 8.2647, 9.4664



40.0371, -13.7417, 6.0792

Complementary

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



40.0363, 0.3128, -12.0671



47.4136, -3.3604, 13.7607

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.



40.0371, -10.3070, 10.5090



40.0363, 0.3128, -12.0671



40.0371, 2.2791, 12.2271

Square

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



40.0371, 0.3123, -12.0663



40.0371, 11.5331, 4.4154



40.0371, -4.5316, 12.5739



40.0371, -14.1907, -0.1936

Rectangle

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



40.0363, 0.3128, -12.0671



40.0371, 9.9073, -4.4008



40.0371, -4.5316, 12.5739



40.0371, -12.9094, 7.8030

Sweetspot

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



40.0371, 0.3123, -12.0663



63.5304, -2.6749, -1.7230



48.0877, -14.5622, 3.5103



30.1395, -1.1990, -1.2773



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.



40.0371, 0.3123, -12.0663



50.2094, 1.6005, -20.6872



38.1087, 7.4599, -14.9887



22.5550, -0.9130, -0.8537



16.8126, 21.3079, -67.0119



1.9891, 0.3002, -3.1343

Inverse Universe

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



40.0387, 11.6890, 2.6054



50.3724, 19.6821, 3.6931



49.5110, -10.6743, 15.5774



22.5128, 0.8975, 1.2194



22.5157, 39.0718, 10.5724



1.8915, 3.3907, 0.0477

Previews

White Background



This preview shows how the HunterLab color 40.0363, 0.3128, -12.0671 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 40.0363, 0.3128, -12.0671 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

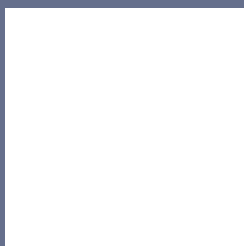
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.0363, 0.3128, -12.0671 Background



This preview shows how black text looks on a background with the HunterLab color 40.0363, 0.3128, -12.0671.



This preview shows how white text looks on a background with the HunterLab color 40.0363, 0.3128, -12.0671.

-12.0671.

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

40.0363, 0.3128, -12.0671

Protanopia

39.9487, 1.3359, -11.6125

Deuteranopia

39.9456, 2.7795, -12.1631



Tritanopia

40.0076, -5.2201, -3.2093

Trichromacy



Original Color

40.0363, 0.3128, -12.0671

Protanomaly

39.8742, 1.0829, -11.7306

Deuteranomaly

40.0607, 1.7884, -12.0038

Tritanomaly

39.9899, -3.4538, -6.2113

Monochromacy



Original Color

40.0363, 0.3128, -12.0671

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.8746, -1.4654, -2.8327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0363, 0.3128, -12.0671 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(101, 111, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 111, 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(101, 111, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 111, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0363, 0.3128, -12.0671 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(101, 111, 140) }
```


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

```
.border{ border-color:rgb(101, 111, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 111, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 111, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 111, 140);  
box-shadow:4px 4px 4px 4px rgb(101, 111,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0363, 0.3128, -12.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 111, 140) }
```

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

```
.background{ background-color: rgb(101,  
111, 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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