

Converting Colors

HunterLab(40.2847, -12.9919,
11.8357)

Have a look what the booklet for
HunterLab(40.2847, -12.9919,
11.8357) contains.

HunterLab(40.3515, -13.3033, 12.0035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(40.3515,
-13.3033, 12.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7755
RGB	95, 119, 85
RGB Percent	37%, 47%, 33%
CMY	0.6274, 0.5333, 0.6667
CMYK	0.20, 0.00, 0.29, 0.53
HSL	102°, 17%, 40%
HSV	102°, 29%, 47%
XYZ	12.9558, 16.2824, 11.0543
YIQ	107.9480, -3.3900, -15.6620

Conversions

Conversions Part 2

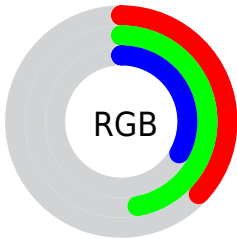
Format	Color
RYB	85, 119, 109
Decimal	6256469
CIELab	47.34, -15.71, 15.91
CIElCh	47, 22.358, 134.631
Yxy	16.2831, 0.3215, 0.4041
Android (android.graphics.Color)	4284446549 (0xFF5F7755)
YUV	107.9480, -11.3134, -11.3554
Hunter-Lab	40.3515, -13.3033, 12.0035

Details

The HunterLab color $40.3515, -13.3033, 12.0035$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $33.2876, 10.8444, -10.3860$, and the grayscale version is $38.7482, -2.0675, 2.1053$.

A 20% lighter version of the original color is $60.8162, -16.0570, 14.8471$, and $22.7198, -9.9668, 8.5866$ is the 20% darker color. If you saturate the color by 10%, you get $39.6027, -16.5862, 14.6495$, and if you desaturate by 10%, it is $41.1860, -9.7099, 8.9629$.

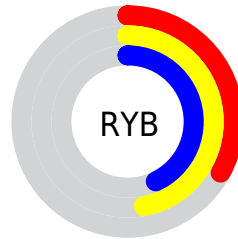
Distribution



Red (37%)

Green (47%)

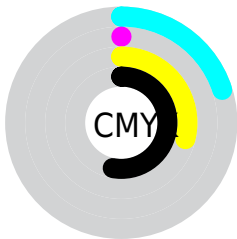
Blue (33%)



Red (33%)

Yellow (47%)

Blue (43%)

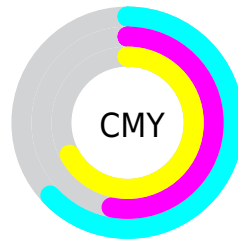


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3515, -13.3033, 12.0035 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 40.3515, -13.3033, 12.0035 by changing the saturation by 10% instead.

40.3515, -13.3033,
12.0035

40.3515, -13.3033,
12.0035

151.9890,
-26.0684, 24.9434

31.1845, -11.7847,
10.4425

60.9008, -16.2220,
14.9822

22.8404, -10.1951,
8.7985

72.1840, -17.6460,
16.4290

15.4112, -8.4930,
7.0242

84.0891, -19.0574,
17.8600

9.0167, -8.0725,
6.3117

96.5850, -20.4613,
19.2812

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6450,
-21.8618, 20.6970

0.0000, NaN, NaN

123.2458,

0.0000, NaN, NaN

-23.2616, 22.1110

0.0000, NaN, NaN

137.3667,
-24.6632, 23.5258

■ 40.3515, -13.3033,
12.0035

■ 40.3515, -13.3033,
12.0035

■ 39.6027, -16.5862,
14.6495

■ 41.1860, -9.7099,
8.9629

■ 38.9378, -19.5340,
16.8856

■ 42.1022, -5.8281,
5.5454

■ 38.3578, -22.1302,
18.7055

■ 43.0988, -1.6852,
1.7745

■ 37.8618, -24.3629,
20.1111

■ 44.1734, 2.6918,
-2.3245

■ 37.4480, -26.2278,
21.1148

■ 45.3233, 7.2766,
-6.7252

■ 37.1130, -27.7295,
21.7422

■ 46.5455, 12.0437,
-11.4007

■ 36.8465, -28.9190,
22.1198

■ 47.8369, 16.9693,
-16.3251

■ 36.8125, -29.0725,
22.1747

■ 49.1943, 22.0317,
-21.4735

■ 50.6147, 27.2112,
-26.8225

Harmonies

Analogous

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



40.3524, -6.3162, 14.8128



40.3515, -13.3033, 12.0035



40.3524, -17.1255, 6.2109

Triad

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



40.3524, -13.3042, 12.0039



40.3524, -6.5167, -16.4760



40.3524, 15.4413, 6.0323

Complementary

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



40.3515, -13.3033, 12.0035



33.2876, 10.8444, -10.3860

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.



40.3524, 15.3760, -2.2781



40.3515, -13.3033, 12.0035



40.3524, 2.1814, -16.5525

Square

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



40.3524, -13.3042, 12.0039



40.3524, -13.4402, -10.7375



40.3524, 10.3532, -10.9285



40.3524, 10.5246, 11.8973

Rectangle

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



40.3515, -13.3033, 12.0035



40.3524, -17.5879, 0.8833



40.3524, 10.3532, -10.9285



40.3524, 16.0139, 3.4669

Sweetspot

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



40.3524, -13.3042, 12.0039



56.2550, -8.1510, 7.7356



39.3360, -2.1525, 11.2466



27.3110, -4.2833, 4.0471



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.



40.3524, -13.3042, 12.0039



53.3530, -20.6168, 18.3534



39.8684, -14.8490, 9.3167



20.3607, -2.9086, 2.7626



37.9374, -29.9910, 22.8518



83.5134, -67.1944, 50.2842

Inverse Universe

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



33.2876, 10.8444, -10.3860



41.9450, 18.4918, -18.0067



34.0495, 12.7194, -5.5918



19.2522, 0.8622, -0.7183



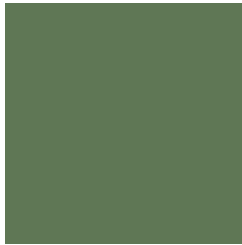
18.4737, 39.2965, -47.4398



40.2166, 86.0184, -106.9281

Previews

White Background



This preview shows how the HunterLab color 40.3515, -13.3033, 12.0035 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 40.3515, -13.3033, 12.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

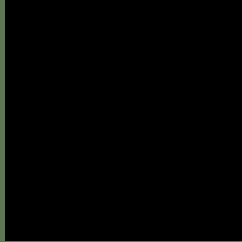
Any Text WCAG AA × Fail

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 40.3515, -13.3033, 12.0035 Background



This preview shows how black text looks on a background with the HunterLab color 40.3515, -13.3033, 12.0035.



This preview shows how white text looks on a background with the HunterLab color 40.3515,

-13.3033, 12.0035.

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

40.3515, -13.3033, 12.0035

Protanopia

40.2376, -3.5944, 12.9688

Deuteranopia

40.2971, 2.3158, 11.6047



Tritanopia

40.2882, -4.2260, -2.8256

Trichromacy



Original Color

40.3515, -13.3033, 12.0035

Protanomaly

40.3305, -7.5195, 12.6891

Deuteranomaly

40.1395, -3.7833, 11.6630

Tritanomaly

40.3083, -7.8722, 3.4188

Monochromacy



Original Color

40.3515, -13.3033, 12.0035

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.2326, -6.3800, 5.8429

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3515, -13.3033, 12.0035 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(95, 119, 85)` looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 85)  
}
```

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(95, 119, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3515, -13.3033, 12.0035 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(95, 119, 85) }
```


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

```
.border{ border-color:rgb(95, 119, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 119, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 119, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 119, 85);  
box-shadow:4px 4px 4px 4px rgb(95, 119,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3515, -13.3033, 12.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 85) }
```

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

```
.background{ background-color: rgb(95, 119,  
85) }
```

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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