

Converting Colors

HunterLab(40.1333, -15.9208,
13.8031)

Have a look what the booklet for
HunterLab(40.1333, -15.9208,
13.8031) contains.

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Color

**HunterLab(40.1333,
-15.9208, 13.8031)**

Conversions

Conversions Part 1

Format	Color
Hex	59784E
RGB	89, 120, 78
RGB Percent	35%, 47%, 31%
CMY	0.6510, 0.5294, 0.6941
CMYK	0.26, 0.00, 0.35, 0.53
HSL	104°, 21%, 39%
HSV	104°, 35%, 47%
XYZ	12.2114, 16.1068, 9.6730
YIQ	105.9430, -4.9940, -19.6340

Conversions

Conversions Part 2

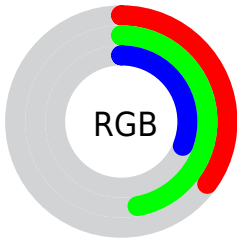
Format	Color
RYB	78, 120, 109
Decimal	5863502
CIELab	47.12, -19.75, 19.58
CIELCh	47, 27.808, 135.249
Yxy	16.1075, 0.3214, 0.4240
Android (android.graphics.Color)	4284053582 (0xFF59784E)
YUV	105.9430, -13.7759, -14.8590
Hunter-Lab	40.1333, -15.9208, 13.8031

Details

The HunterLab color $40.1333, -15.9208, 13.8031$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $31.7120, 14.4242, -13.4305$, and the grayscale version is $37.9953, -2.0273, 2.0644$.

A 20% lighter version of the original color is $60.5085, -19.1644, 17.2752$, and $22.6020, -12.0497, 9.9419$ is the 20% darker color. If you saturate the color by 10%, you get $39.4191, -19.0795, 16.2031$, and if you desaturate by 10%, it is $40.9397, -12.4171, 11.0005$.

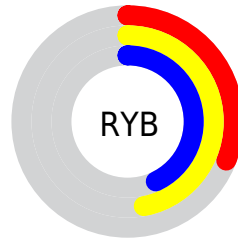
Distribution



Red (35%)

Green (47%)

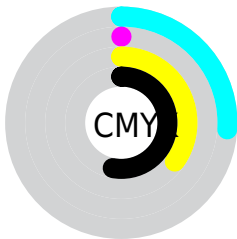
Blue (31%)



Red (31%)

Yellow (47%)

Blue (43%)

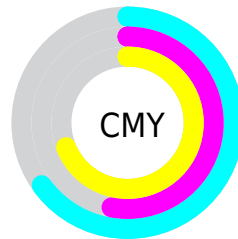


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1333, -15.9208, 13.8031 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 40.1333, -15.9208, 13.8031 by changing the saturation by 10% instead.

■ 40.1333, -15.9208,
13.8031

■ 40.1333, -15.9208,
13.8031

151.6494,
-30.5115, 28.4599

■ 30.9843, -14.1183,
11.9678

■ 60.6504, -19.3350,
17.2561

■ 22.6600, -12.2099,
10.0145

■ 71.9191, -20.9806,
18.9128

■ 15.2530, -10.1381,
7.9780

■ 83.8103, -22.6002,
20.5399

■ 8.8752, -10.1699,
6.2127

■ 96.2930, -24.2012,
22.1457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.3404,
-25.7890, 23.7363

0.0000, NaN, NaN

122.9291,

0.0000, NaN, NaN

-27.3679, 25.3165

0.0000, NaN, NaN

137.0382,
-28.9412, 26.8901

■ 40.1333, -15.9208,
13.8031

■ 40.1333, -15.9208,
13.8031

■ 39.4191, -19.0795,
16.2031

■ 40.9397, -12.4171,
11.0005

■ 38.7947, -21.8695,
18.1883

■ 41.8343, -8.5914,
7.8117

■ 38.2606, -24.2762,
19.7565

■ 42.8163, -4.4727,
4.2594

■ 37.8150, -26.2918,
20.9153

■ 43.8831, -0.0904,
0.3693

■ 37.4548, -27.9178,
21.6849

■ 45.0319, 4.5261,
-3.8314

■ 37.1741, -29.1756,
22.1210

■ 46.2595, 9.3483,
-8.3148

■ 37.0561, -29.7090,
22.3137

■ 47.5626, 14.3492,
-13.0534

■ 48.9377, 19.5039,
-18.0207

■ 50.3814, 24.7899,
-23.1920

Harmonies

Analogous

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



40.1342, -7.4890, 17.0116



40.1333, -15.9208, 13.8031



40.1342, -20.4053, 6.9201

Triad

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



40.1342, -15.9216, 13.8035



40.1342, -7.3229, -22.1609



40.1342, 20.0532, 7.0655

Complementary

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



40.1333, -15.9208, 13.8031



31.7120, 14.4242, -13.4305

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.



40.1342, 20.1099, -3.2090



40.1333, -15.9208, 13.8031



40.1342, 3.4971, -22.0915

Square

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



40.1342, -15.9216, 13.8035



40.1342, -15.8112, -14.6360



40.1342, 13.7872, -14.4658



40.1342, 13.6397, 13.8854

Rectangle

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



40.1333, -15.9208, 13.8031



40.1342, -20.8914, 0.3247



40.1342, 13.7872, -14.4658



40.1342, 20.8370, 3.9596

Sweetspot

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



40.1342, -15.9216, 13.8035



55.9522, -9.3992, 8.6566



39.2918, -2.5754, 13.2898



27.1722, -4.8547, 4.4535



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.



40.1342, -15.9216, 13.8035



52.4540, -24.5150, 20.9040



39.6921, -17.2406, 10.4295



21.2039, -3.0948, 2.8768



38.6954, -31.0642, 23.3001



84.3006, -68.7449, 50.7421

Inverse Universe

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



31.7120, 14.4242, -13.4305



38.9556, 24.3491, -23.1363



32.5152, 16.0902, -6.6873



20.0680, 0.9666, -0.7445



19.4074, 40.8584, -46.5483



41.8789, 88.5690, -103.5578

Previews

White Background



This preview shows how the HunterLab color 40.1333, -15.9208, 13.8031 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 40.1333, -15.9208, 13.8031 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 40.1333, -15.9208, 13.8031 Background



This preview shows how black text looks on a background with the HunterLab color 40.1333, -15.9208, 13.8031.



This preview shows how white text looks on a background with the HunterLab color 40.1333,

-15.9208, 13.8031.

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

40.1333, -15.9208, 13.8031

Protanopia

39.9102, -3.6241, 14.9046

Deuteranopia

40.0188, 2.4873, 13.1696



Tritanopia

39.9708, -5.2880, -3.7481

Trichromacy



Original Color

40.1333, -15.9208, 13.8031

Protanomaly

39.7415, -8.4897, 14.4089

Deuteranomaly

39.8504, -5.0372, 13.1758

Tritanomaly

39.8491, -9.6517, 3.6898

Monochromacy



Original Color

40.1333, -15.9208, 13.8031

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.6300, -7.2954, 6.6911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1333, -15.9208, 13.8031 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(89, 120, 78)` looks like.

```
.text, #text, p{  
    color:rgb(89, 120, 78)  
}
```

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(89, 120, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 120, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1333, -15.9208, 13.8031 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(89, 120, 78) }
```


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

```
.border{ border-color:rgb(89, 120, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 120, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 120, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 120, 78);  
box-shadow:4px 4px 4px 4px rgb(89, 120,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1333, -15.9208, 13.8031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 120, 78) }
```

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

```
.background{ background-color: rgb(89, 120,  
78) }
```

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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