

Converting Colors

HunterLab(40.3688, -17.8168,
11.6325)

Have a look what the booklet for
HunterLab(40.3688, -17.8168,
11.6325) contains.

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Color

**HunterLab(40.3688,
-17.8168, 11.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	507A56
RGB	80, 122, 86
RGB Percent	31%, 48%, 34%
CMY	0.6863, 0.5216, 0.6627
CMYK	0.34, 0.00, 0.30, 0.52
HSL	129°, 21%, 40%
HSV	129°, 34%, 48%
XYZ	11.9475, 16.2964, 11.3199
YIQ	105.3380, -13.4760, -20.1000

Conversions

Conversions Part 2

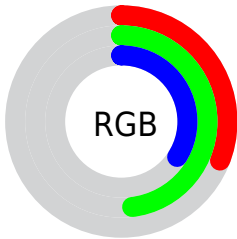
Format	Color
RYB	80, 117, 122
Decimal	5274198
CIELab	47.36, -22.64, 15.20
CIELCh	47, 27.272, 146.124
Yxy	16.2971, 0.3020, 0.4119
Android (android.graphics.Color)	4283464278 (0xFF507A56)
YUV	105.3380, -9.5336, -22.2214
Hunter-Lab	40.3688, -17.8168, 11.6325

Details

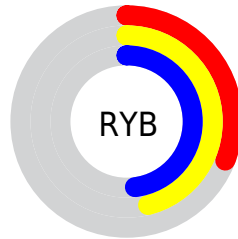
The HunterLab color $40.3688, -17.8168, 11.6325$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $33.3709, 16.7411, -8.5013$, and the grayscale version is $37.7525, -2.0144, 2.0512$.

A 20% lighter version of the original color is $61.0433, -21.6335, 14.6123$, and $22.8591, -13.7566, 8.6380$ is the 20% darker color. If you saturate the color by 10%, you get $39.5688, -21.3439, 13.8873$, and if you desaturate by 10%, it is $41.3018, -13.8205, 9.1626$.

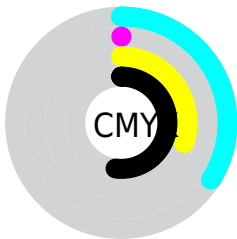
Distribution



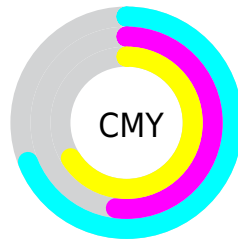
- Red (31%)
- Green (48%)
- Blue (34%)



- Red (31%)
- Yellow (46%)
- Blue (48%)



- Cyan (34%)
- Magenta (0%)
- Yellow (30%)
- Black (52%)



- Cyan (69%)
- Magenta (52%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3688, -17.8168, 11.6325 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 40.3688, -17.8168, 11.6325 by changing the saturation by 10% instead.

40.3688, -17.8168,
11.6325

40.3688, -17.8168,
11.6325

152.0159,
-33.7237, 24.2455

31.2004, -15.8107,
10.1234

60.9206, -21.5874,
14.5213

22.8547, -13.6744,
8.5379

72.2050, -23.3926,
15.9282

15.4237, -11.3404,
6.8312

84.1111, -25.1624,
17.3218

9.0278, -11.4110,
6.3194

96.6081, -26.9055,
18.7078

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6691,
-28.6286, 20.0904

0.0000, NaN, NaN

123.2709,

0.0000, NaN, NaN

-30.3367, 21.4727

0.0000, NaN, NaN

137.3926,
-32.0341, 22.8571

■ 40.3688, -17.8168,
11.6325

■ 40.3688, -17.8168,
11.6325

■ 39.5688, -21.3439,
13.8873

■ 41.3018, -13.8205,
9.1626

■ 38.8994, -24.3654,
15.9005

■ 42.3634, -9.3955,
6.5044

■ 38.3592, -26.8596,
17.6516

■ 43.5513, -4.5900,
3.6874

■ 37.9437, -28.8194,
19.1262

■ 44.8613, 0.5467,
0.7398

■ 37.6457, -30.2564,
20.3177

■ 46.2881, 5.9664,
-2.3117

■ 37.4519, -31.2144,
21.2264

■ 47.8262, 11.6237,
-5.4432

■ 37.3651, -31.6409,
21.6005

■ 49.4696, 17.4773,
-8.6336

■ 51.2124, 23.4905,
-11.8651

■ 53.0486, 29.6315,
-15.1229

Harmonies

Analogous

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



40.3696, -10.7990, 16.0870



40.3688, -17.8168, 11.6325



40.3696, -20.6550, 3.4946

Triad

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



40.3696, -17.8175, 11.6329



40.3696, -3.5337, -22.5283



40.3696, 17.9661, 9.8814

Complementary

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



40.3688, -17.8168, 11.6325



33.3709, 16.7411, -8.5013

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.



40.3696, 20.4214, 0.8557



40.3688, -17.8168, 11.6325



40.3696, 7.2810, -19.5475

Square

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



40.3696, -17.8175, 11.6329



40.3696, -12.9678, -17.5976



40.3696, 16.3296, -10.2656



40.3696, 9.9285, 15.2754

Rectangle

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



40.3688, -17.8168, 11.6325



40.3696, -20.0362, -3.6075



40.3696, 16.3296, -10.2656



40.3696, 19.5053, 7.2507

Sweetspot

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



40.3696, -17.8175, 11.6329



56.8285, -9.8514, 7.0866



42.7077, -9.2702, 15.6177



27.0906, -5.0494, 3.5878



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.



40.3696, -17.8175, 11.6329



52.7254, -27.2293, 17.7187



40.8391, -15.0803, 4.8657



21.1150, -3.3726, 2.4628



38.3377, -32.4724, 22.1798



83.6849, -71.2147, 49.1332

Inverse Universe

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



33.3709, 16.7411, -8.5013



41.6195, 27.8301, -14.2773



32.7242, 13.5288, 0.6121



20.1696, 1.2626, -0.2491



23.2805, 44.4372, -20.3715



50.7517, 96.7215, -43.2334

Previews

White Background



This preview shows how the HunterLab color 40.3688, -17.8168, 11.6325 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 40.3688, -17.8168, 11.6325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

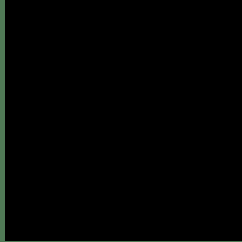
Any Text WCAG AA × Fail

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 40.3688, -17.8168, 11.6325 Background



This preview shows how black text looks on a background with the HunterLab color 40.3688, -17.8168, 11.6325.



This preview shows how white text looks on a background with the HunterLab color 40.3688,

-17.8168, 11.6325.

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

40.3688, -17.8168, 11.6325

Protanopia

40.2188, -3.6980, 13.2419

Deuteranopia

39.9781, 2.6686, 10.6643



Tritanopia

40.3778, -8.1000, -4.2451

Trichromacy



Original Color

40.3688, -17.8168, 11.6325

Protanomaly

40.1479, -9.6484, 12.4846

Deuteranomaly

39.6707, -5.3606, 10.5526

Tritanomaly

40.3394, -12.1297, 2.5407

Monochromacy



Original Color

40.3688, -17.8168, 11.6325

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.3895, -8.0702, 5.6678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3688, -17.8168, 11.6325 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(80, 122, 86)` looks like.

```
.text, #text, p{  
    color:rgb(80, 122, 86)  
}
```

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(80, 122, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 122, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3688, -17.8168, 11.6325 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(80, 122, 86) }
```


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

```
.border{ border-color:rgb(80, 122, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 122, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 122, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 122, 86);  
box-shadow:4px 4px 4px 4px rgb(80, 122,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3688, -17.8168, 11.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 122, 86) }
```

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

```
.background{ background-color: rgb(80, 122,  
86) }
```

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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