

Converting Colors

HunterLab(47.7399, -17.4195,
11.9363)

Have a look what the booklet for
HunterLab(47.7399, -17.4195,
11.9363) contains.

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Color

**HunterLab(47.6458,
-17.3484, 11.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	678C6B
RGB	103, 140, 107
RGB Percent	40%, 55%, 42%
CMY	0.5961, 0.4510, 0.5804
CMYK	0.26, 0.00, 0.24, 0.45
HSL	126°, 15%, 48%
HSV	126°, 26%, 55%
XYZ	17.6254, 22.7012, 17.3627
YIQ	125.1750, -11.4590, -18.1070

Conversions

Conversions Part 2

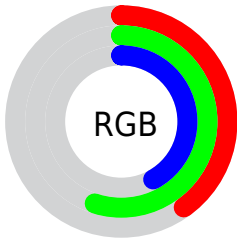
Format	Color
R _Y B	103, 136, 140
Decimal	6786155
CIE Lab	54.76, -19.89, 13.55
CIE LCh	55, 24.067, 145.731
Yxy	22.7022, 0.3055, 0.3935
Android (android.graphics.Color)	4284976235 (0xFF678C6B)
YUV	125.1750, -8.9603, -19.4475
Hunter-Lab	47.6458, -17.3484, 11.7461

Details

The HunterLab color $47.6458, -17.3484, 11.7461$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $41.2965, 14.6553, -7.7396$, and the grayscale version is $45.3920, -2.4220, 2.4662$.

A 20% lighter version of the original color is $69.2970, -20.8601, 14.6588$, and $29.0703, -13.7406, 8.9534$ is the 20% darker color. If you saturate the color by 10%, you get $46.5814, -21.9609, 14.6855$, and if you desaturate by 10%, it is $48.8699, -12.2012, 8.5389$.

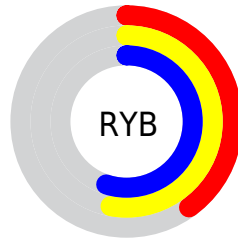
Distribution



Red (40%)

Green (55%)

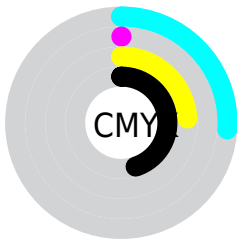
Blue (42%)



Red (40%)

Yellow (53%)

Blue (55%)

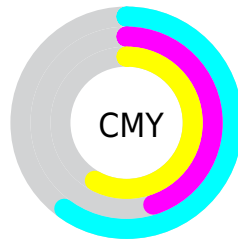


Cyan (26%)

Magenta (0%)

Yellow (24%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6458, -17.3484, 11.7461 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 47.6458, -17.3484, 11.7461 by changing the saturation by 10% instead.

■ 47.6458, -17.3484,
11.7461

■ 47.6458, -17.3484,
11.7461

163.1538,
-31.8711, 23.5863

■ 37.9127, -15.5937,
10.3857

■ 69.2126, -20.7106,
14.3990

■ 28.9501, -13.7591,
8.9821

■ 80.9604, -22.3429,
15.7081

■ 20.8321, -11.8073,
7.5095

■ 93.3066, -23.9547,
17.0135

■ 13.6578, -9.6702,
5.9476

■ 106.2235,
-25.5519, 18.3188

■ 7.2624, -12.3213,
5.0837

119.6869,
-27.1389, 19.6269

0.0000, NaN, NaN

133.6754,

0.0000, NaN, NaN

-28.7193, 20.9398

0.0000, NaN, NaN

148.1701,
-30.2960, 22.2592

0.0000, NaN, NaN

■ 47.6458, -17.3484,
11.7461

■ 47.6458, -17.3484,
11.7461

■ 46.5814, -21.9609,
14.6855

■ 48.8699, -12.2012,
8.5389

■ 45.6755, -25.9851,
17.3209

■ 50.2470, -6.5745,
5.0992

■ 44.9283, -29.3831,
19.6235

■ 51.7732, -0.5304,
1.4646

■ 44.3365, -32.1325,
21.5715

■ 53.4422, 5.8707,
-2.3292

■ 43.8936, -34.2317,
23.1530

■ 55.2471, 12.5714,
-6.2498

■ 43.5892, -35.7038,
24.3679

■ 57.1807, 19.5194,
-10.2682

■ 43.4032, -36.6236,
25.2253

■ 59.2354, 26.6682,
-14.3594

■ 43.3496, -36.8851,
25.4410

■ 61.4039, 33.9776,
-18.5025

■ 63.6790, 41.4136,
-22.6805

Harmonies

Analogous

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



47.6468, -10.5709, 16.2498



47.6458, -17.3484, 11.7461



47.6468, -20.1646, 3.9286

Triad

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



47.6468, -17.3493, 11.7466



47.6468, -3.9608, -19.3632



47.6468, 15.9468, 9.8387

Complementary

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



47.6458, -17.3484, 11.7461



41.2965, 14.6553, -7.7396

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.



47.6468, 18.0777, 1.2187



47.6458, -17.3484, 11.7461



47.6468, 6.0504, -16.8903

Square

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



47.6468, -17.3493, 11.7466



47.6468, -12.8476, -15.0345



47.6468, 14.3218, -8.8363



47.6468, 8.7153, 15.3172

Rectangle

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



47.6458, -17.3484, 11.7461



47.6468, -19.5996, -2.6102



47.6468, 14.3218, -8.8363



47.6468, 17.3075, 7.2695

Sweetspot

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



47.6468, -17.3493, 11.7466



66.3841, -10.0708, 7.5848



49.9959, -8.8418, 15.4348



31.7419, -5.3375, 3.9472



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.



47.6468, -17.3493, 11.7466



62.3558, -26.9478, 18.0786



48.0900, -14.7963, 5.3696



23.6991, -3.8707, 2.8768



40.8636, -34.7555, 23.9513



3.3455, -2.7398, 1.7329

Inverse Universe

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



41.2965, 14.6553, -7.7396



52.0680, 25.0348, -13.5355



40.7181, 11.7035, 0.4281



22.6270, 1.5109, -0.4053



25.0367, 48.1255, -24.5141



2.0707, 4.0275, -2.3935

Previews

White Background



This preview shows how the HunterLab color 47.6458, -17.3484, 11.7461 looks on a white 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

Black Background



This preview shows how the HunterLab color 47.6458, -17.3484, 11.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

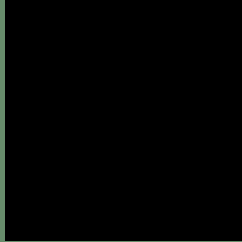
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 47.6458, -17.3484, 11.7461 Background



This preview shows how black text looks on a background with the HunterLab color 47.6458, -17.3484, 11.7461.



This preview shows how white text looks on a background with the HunterLab color 47.6458,

-17.3484, 11.7461.

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

47.6458, -17.3484, 11.7461

Protanopia

47.3429, -3.5656, 13.3676

Deuteranopia

47.4674, 2.8703, 10.8734



Tritanopia

47.6637, -7.4530, -4.5878

Trichromacy



Original Color

47.6458, -17.3484, 11.7461

Protanomaly

47.4187, -9.0963, 12.6844

Deuteranomaly

47.2475, -5.0477, 10.8697

Tritanomaly

47.6267, -11.4850, 1.9706

Monochromacy



Original Color

47.6458, -17.3484, 11.7461

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.8859, -7.9885, 5.9885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6458, -17.3484, 11.7461 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(103, 140, 107)` looks like.

```
.text, #text, p{  
    color:rgb(103, 140, 107)  
}
```

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(103, 140, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 140, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6458, -17.3484, 11.7461 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(103, 140, 107) }
```


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

```
.border{ border-color:rgb(103, 140, 107) }
```

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

Here you see how a box with a 4 pixel rgb(103, 140, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 140, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 140, 107);  
box-shadow:4px 4px 4px 4px rgb(103, 140,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6458, -17.3484, 11.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 140, 107) }
```

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

```
.background{ background-color: rgb(103,  
140, 107) }
```

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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