

Converting Colors

HunterLab(46.9716, -9.4717,
6.3088)

Have a look what the booklet for
HunterLab(46.9716, -9.4717, 6.3088)
contains.

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Color

**HunterLab(47.0311, -9.7458,
6.4088)**

Conversions

Conversions Part 1

Format	Color
Hex	748678
RGB	116, 134, 120
RGB Percent	45%, 53%, 47%
CMY	0.5451, 0.4745, 0.5294
CMYK	0.13, 0.00, 0.10, 0.47
HSL	133°, 7%, 49%
HSV	133°, 13%, 53%
XYZ	19.1177, 22.1192, 21.0311
YIQ	127.0220, -6.2340, -8.1700

Conversions

Conversions Part 2

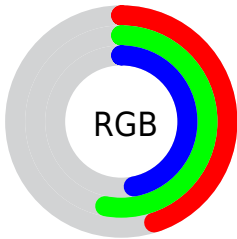
Format	Color
R_{YB}	116, 131, 134
Decimal	7636600
CIE _{Lab}	54.15, -9.43, 5.34
CIE _{LCh}	54, 10.839, 150.458
Yxy	22.1202, 0.3070, 0.3552
Android (android.graphics.Color)	4285826680 (0xFF748678)
YUV	127.0220, -3.4618, -9.6663
Hunter-Lab	47.0311, -9.7458, 6.4088

Details

The HunterLab color $47.0311, -9.7458, 6.4088$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $43.7851, 5.3466, -1.5253$, and the grayscale version is $46.0929, -2.4594, 2.5043$.

A 20% lighter version of the original color is $68.4427, -11.8935, 8.1555$, and $28.3504, -7.2781, 4.5203$ is the 20% darker color. If you saturate the color by 10%, you get $45.8559, -14.5991, 9.0823$, and if you desaturate by 10%, it is $48.3454, -4.4928, 3.6281$.

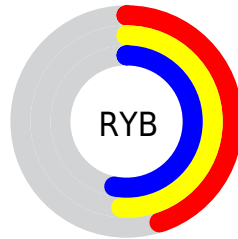
Distribution



Red (45%)

Green (53%)

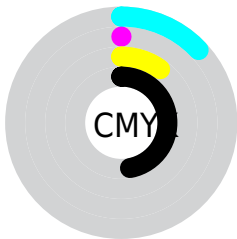
Blue (47%)



Red (45%)

Yellow (51%)

Blue (53%)

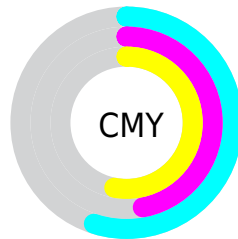


Cyan (13%)

Magenta (0%)

Yellow (10%)

Black (47%)



Cyan (55%)

Magenta (47%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0311, -9.7458, 6.4088 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 47.0311, -9.7458, 6.4088 by changing the saturation by 10% instead.

■ 47.0311, -9.7458,
6.4088

■ 47.0311, -9.7458,
6.4088

162.2262,
-19.7905, 14.7943

■ 37.3433, -8.6588,
5.5707

■ 68.5161, -11.9184,
8.1368

■ 28.4299, -7.5591,
4.7444

■ 80.2264, -13.0111,
9.0283

■ 20.3662, -6.4334,
3.9244

■ 92.5369, -14.1122,
9.9395

■ 13.2537, -5.2556,
3.0981

105.4197,
-15.2234, 10.8706

■ 6.7816, -6.4214,
3.6357

118.8504,
-16.3460, 11.8216

0.0000, NaN, NaN

132.8075,

0.0000, NaN, NaN

-17.4810, 12.7927

0.0000, NaN, NaN

147.2718,
-18.6290, 13.7836

0.0000, NaN, NaN

■ 47.0311, -9.7458,
6.4088

■ 47.0311, -9.7458,
6.4088

■ 45.8559, -14.5991,
9.0823

■ 48.3454, -4.4928,
3.6281

■ 44.8203, -18.9991,
11.6186

■ 49.7911, 1.1106,
0.7650

■ 43.9274, -22.9007,
13.9897

■ 51.3636, 7.0123,
-2.1561

■ 43.1771, -26.2664,
16.1680

■ 53.0570, 13.1642,
-5.1139

■ 42.5675, -29.0708,
18.1289

■ 54.8649, 19.5227,
-8.0909

■ 42.0939, -31.3045,
19.8519

■ 56.7808, 26.0490,
-11.0724

■ 41.7486, -32.9775,
21.3224

■ 58.7982, 32.7098,
-14.0470

■ 41.5199, -34.1238,
22.5322

■ 60.9109, 39.4767,
-17.0056

■ 41.4048, -34.7063,
23.1685

■ 63.1130, 46.3260,
-19.9418

Harmonies

Analogous

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



47.0321, -6.7831, 9.0666



47.0311, -9.7458, 6.4088



47.0321, -10.7885, 2.4947

Triad

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



47.0321, -9.7468, 6.4094



47.0321, -2.4434, -6.3554



47.0321, 5.1153, 6.5126

Complementary

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



47.0311, -9.7458, 6.4088



43.7851, 5.3466, -1.5253

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.



47.0321, 6.3795, 2.6253



47.0311, -9.7458, 6.4088



47.0321, 1.9171, -5.0335

Square

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



47.0321, -9.7468, 6.4094



47.0321, -6.6684, -5.1093



47.0321, 5.1883, -1.6449



47.0321, 1.7939, 9.1222

Rectangle

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



47.0311, -9.7458, 6.4088



47.0321, -10.2845, -0.3832



47.0321, 5.1883, -1.6449



47.0321, 5.8004, 5.3247

Sweetspot

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



47.0321, -9.7468, 6.4094



64.0510, -6.4344, 5.0609



48.0270, -6.3705, 9.0843



30.3443, -3.2808, 2.5204



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.0321, -9.7468, 6.4094



61.9527, -14.8748, 9.5592



47.2721, -8.3988, 2.9755



22.8483, -3.6135, 2.5069



40.0834, -33.5860, 22.4017



2.3790, -1.8537, 1.0280

Inverse Universe

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



43.7851, 5.3466, -1.5253



56.7279, 9.4254, -3.2093



43.5230, 3.9528, 2.2011



21.7844, 1.3294, -0.0930



23.8587, 44.8093, -15.2075



1.4423, 2.7713, -1.4041

Previews

White Background



This preview shows how the HunterLab color 47.0311, -9.7458, 6.4088 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 47.0311, -9.7458, 6.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

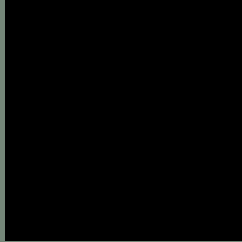
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

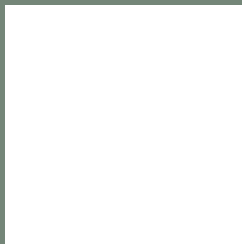
Any Text WCAG AAA × Fail

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

HunterLab 47.0311, -9.7458, 6.4088 Background



This preview shows how black text looks on a background with the HunterLab color 47.0311, -9.7458, 6.4088.



This preview shows how white text looks on a background with the HunterLab color 47.0311, -9.7458,

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

47.0311, -9.7458, 6.4088

Protanopia

46.9608, -2.7676, 7.6405

Deuteranopia

46.9059, 2.9599, 5.6815



Tritanopia

47.0625, -3.9624, -2.8162

Trichromacy



Original Color

47.0311, -9.7458, 6.4088

Protanomaly

46.9602, -5.6314, 7.1984

Deuteranomaly

46.7837, -1.7403, 5.8727

Tritanomaly

47.0297, -6.0408, 0.8986

Monochromacy



Original Color

47.0311, -9.7458, 6.4088

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.5096, -5.4430, 4.2550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0311, -9.7458, 6.4088 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(116, 134, 120)` looks like.

```
.text, #text, p{  
    color:rgb(116, 134, 120)  
}
```

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(116, 134, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 134, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0311, -9.7458, 6.4088 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(116, 134, 120) }
```


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

```
.border{ border-color:rgb(116, 134, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 134, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 134, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 134, 120);  
box-shadow:4px 4px 4px 4px rgb(116, 134,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0311, -9.7458, 6.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 134, 120) }
```

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

```
.background{ background-color: rgb(116,  
134, 120) }
```

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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