

Converting Colors

HunterLab(47.0048, -9.6286,
-7.0696)

Have a look what the booklet for
HunterLab(47.0048, -9.6286,
-7.0696) contains.

HunterLab(47.0048, -9.6286, -7.0696)	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(47.0048, -9.6286,
-7.0696)

Conversions

Conversions Part 1

Format	Color
Hex	628795
RGB	98, 135, 149
RGB Percent	38%, 53%, 58%
CMY	0.6157, 0.4706, 0.4157
CMYK	0.34, 0.09, 0.00, 0.42
HSL	196°, 21%, 48%
HSV	196°, 34%, 58%
XYZ	19.1258, 22.0945, 31.6904
YIQ	125.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

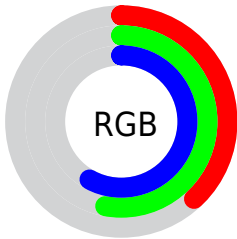
Format	Color
R_{YB}	98, 119, 149
Decimal	6457237
CIE _{Lab}	54.13, -9.28, -11.63
CIE _{LCh}	54, 14.877, 231.431
Yxy	22.0954, 0.2623, 0.3030
Android (android.graphics.Color)	4284647317 (0xFF628795)
YUV	125.5330, 11.5692, -24.1464
Hunter-Lab	47.0048, -9.6286, -7.0696

Details

The HunterLab color $47.0048, -9.6286, -7.0696$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43.4281, 7.8232, 11.1206$, and the grayscale version is $45.4585, -2.4256, 2.4698$.

A 20% lighter version of the original color is $68.3829, -11.7593, -7.0557$, and $28.2970, -7.4321, -6.9051$ is the 20% darker color. If you saturate the color by 10%, you get $44.9697, -10.7985, -9.9677$, and if you desaturate by 10%, it is $49.1591, -8.0754, -4.1437$.

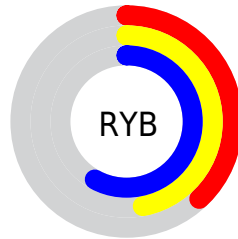
Distribution



Red (38%)

Green (53%)

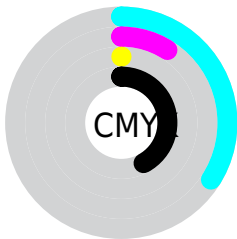
Blue (58%)



Red (38%)

Yellow (47%)

Blue (58%)

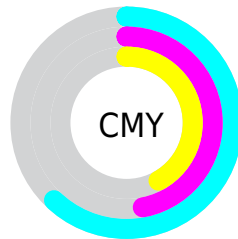


Cyan (34%)

Magenta (9%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (47%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0048, -9.6286, -7.0696 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 47.0048, -9.6286, -7.0696 by changing the saturation by 10% instead.

■ 47.0048, -9.6286,
-7.0696

■ 47.0048, -9.6286,
-7.0696

162.1863,
-19.6076, -4.9711

■ 37.3189, -8.5507,
-7.0220

■ 68.4862, -11.7835,
-6.9624

■ 28.4076, -7.4616,
-6.8994

■ 80.1949, -12.8684,
-6.8205

■ 20.3463, -6.3476,
-6.6936

■ 92.5039, -13.9621,
-6.6258

■ 13.2364, -5.1834,
-6.4012

■ 105.3852,
-15.0662, -6.3818

■ 6.7602, -6.3399,
-7.1428

118.8145,
-16.1820, -6.0918

0.0000, NaN, -NF

0.0000, NaN, NaN

132.7702,

-17.3105, -5.7584

0.0000, NaN, NaN

147.2332,
-18.4522, -5.3842

0.0000, NaN, NaN

■ 47.0048, -9.6286,
-7.0696

■ 47.0048, -9.6286,
-7.0696

■ 44.9697, -10.7985,
-9.9677

■ 49.1591, -8.0754,
-4.1437

■ 43.0572, -11.5509,
-12.8246

■ 51.4232, -6.1714,
-1.2052

■ 41.2732, -11.8583,
-15.6215

■ 53.7915, -3.9510,
1.7362

■ 39.6214, -11.7008,
-18.3395

■ 56.2572, -1.4463,
4.6731

■ 38.1024, -11.0724,
-20.9608

■ 58.8140, 1.3132,
7.5997

■ 36.7118, -9.9904,
-23.4746

■ 61.4561, 4.3003,
10.5124

■ 35.9398, -9.2636,
-24.9241

■ 64.1778, 7.4908,
13.4087

■ 66.9740, 10.8635,
16.2874

■ 69.8399, 14.3992,
19.1482

Harmonies

Analogous

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



47.0057, -12.9772, -1.7208



47.0048, -9.6286, -7.0696



47.0057, -4.2524, -9.9201

Triad

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



47.0057, -9.6291, -7.0688



47.0057, 9.7090, 0.8587



47.0057, -6.7361, 11.8370

Complementary

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



47.0048, -9.6286, -7.0696



43.4281, 7.8232, 11.1206

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.



47.0057, -0.7431, 12.3421



47.0048, -9.6286, -7.0696



47.0057, 8.9604, 6.4701

Square

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



47.0057, -9.6291, -7.0688



47.0057, 7.0547, -4.9745



47.0057, 5.0584, 10.5010



47.0057, -11.3674, 9.0203

Rectangle

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



47.0048, -9.6286, -7.0696



47.0057, -0.1542, -9.7980



47.0057, 5.0584, 10.5010



47.0057, -4.8216, 12.2670

Sweetspot

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



47.0057, -9.6291, -7.0688



70.0751, -7.1115, -0.0287



50.2523, -21.5627, 12.6384



32.8007, -3.5212, -0.2482



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.0057, -9.6291, -7.0688



60.8175, -14.1252, -12.4141



39.8716, 1.9776, -17.6788



25.0914, -2.4289, 0.1309



33.0487, -8.6111, -22.7191



4.2778, -1.8028, -1.4551

Inverse Universe

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



41.0789, 19.9533, -7.4227



51.5102, 33.5635, -12.5909



50.1912, -4.0484, 17.2060



24.2535, 1.4802, 0.0166



25.0917, 46.6298, -12.1533



2.8642, 5.4713, -2.5382

Previews

White Background



This preview shows how the HunterLab color 47.0048, -9.6286, -7.0696 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 47.0048, -9.6286, -7.0696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

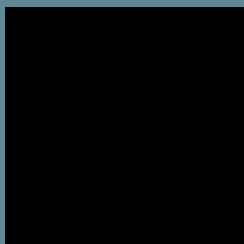
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

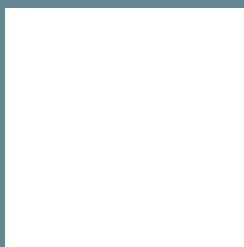
Any Text WCAG AAA × Fail

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

HunterLab 47.0048, -9.6286, -7.0696 Background



This preview shows how black text looks on a background with the HunterLab color 47.0048, -9.6286, -7.0696.



This preview shows how white text looks on a background with the HunterLab color 47.0048, -9.6286, -7.0696.

-7.0696.

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

47.0048, -9.6286, -7.0696

Protanopia

46.8985, 0.0722, -4.9661

Deuteranopia

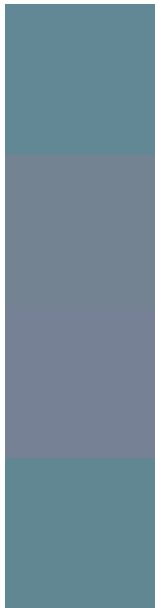
46.8843, 3.2608, -8.0783



Tritanopia

46.8451, -10.4113, -5.7350

Trichromacy



Original Color

47.0048, -9.6286, -7.0696

Protanomaly

46.9265, -4.1160, -5.5151

Deuteranomaly

46.7167, -1.6564, -7.8624

Tritanomaly

46.8785, -10.2230, -6.2048

Monochromacy



Original Color

47.0048, -9.6286, -7.0696

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.9725, -5.2982, -0.8525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0048, -9.6286, -7.0696 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(98, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(98, 135, 149)  
}
```

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(98, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 135, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0048, -9.6286, -7.0696 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(98, 135, 149) }
```


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

```
.border{ border-color:rgb(98, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(98, 135,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0048, -9.6286, -7.0696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 135, 149) }
```

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

```
.background{ background-color: rgb(98, 135,  
149) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor