

Converting Colors

HunterLab(47.1368, -4.6999,
4.8703)

Have a look what the booklet for
HunterLab(47.1368, -4.6999, 4.8703)
contains.

HunterLab(47.1167, -4.7651, 4.9542)	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(47.1167, -4.7651,
4.9542)**

Conversions

Conversions Part 1	
Format	Color
Hex	7F837C
RGB	127, 131, 124
RGB Percent	50%, 51%, 49%
CMY	0.5020, 0.4863, 0.5137
CMYK	0.03, 0.00, 0.05, 0.49
HSL	94°, 3%, 50%
HSV	94°, 5%, 51%
XYZ	20.5068, 22.1998, 22.2729
YIQ	129.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

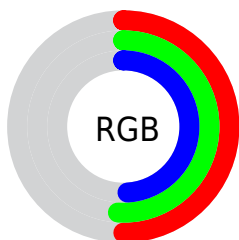
Format	Color
RYB	124, 131, 128
Decimal	8356732
CIELab	54.24, -2.87, 3.26
CIELCh	54, 4.341, 131.340
Yxy	22.2008, 0.3156, 0.3416
Android (android.graphics.Color)	4286546812 (0xFF7F837C)
YUV	129.0060, -2.4680, -1.7593
Hunter-Lab	47.1167, -4.7651, 4.9542

Details

The HunterLab color $47.1167, -4.7651, 4.9542$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $45.4354, -0.1244, -0.0269$, and the grayscale version is $46.8663, -2.5007, 2.5463$.

A 20% lighter version of the original color is $68.6432, -6.2296, 6.7110$, and $28.5697, -3.5804, 3.7276$ is the 20% darker color. If you saturate the color by 10%, you get $46.1923, -8.7337, 9.0442$, and if you desaturate by 10%, it is $48.1156, -0.5497, 0.4287$.

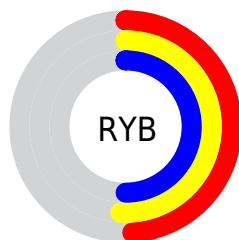
Distribution



Red (50%)

Green (51%)

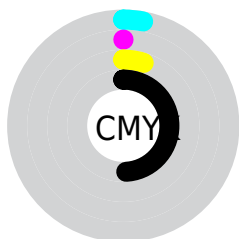
Blue (49%)



Red (49%)

Yellow (51%)

Blue (50%)

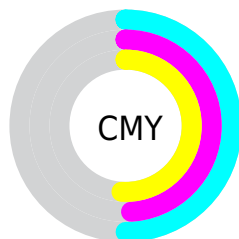


Cyan (3%)

Magenta (0%)

Yellow (5%)

Black (49%)



Cyan (50%)


Magenta (49%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1167, -4.7651, 4.9542 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 47.1167, -4.7651, 4.9542 by changing the saturation by 10% instead.


 47.1167, -4.7651,
4.9542


 47.1167, -4.7651,
4.9542


162.3555,
-12.0876, 12.5029


 37.4226, -4.0788,
4.2405


 68.6131, -6.2199,
6.4603

 28.5023, -3.4177,
3.5511


 80.3287, -6.9855,
7.2511

 20.4310, -2.7819,
2.8848

 92.6442, -7.7762,
8.0668

 13.3098, -2.1685,
2.2371

105.5318, -8.5915,
8.9071

 6.8508, -2.1895,
2.3448

118.9670, -9.4309,
9.7713

0.0000, NaN, NaN

0.0000, NaN, NaN

132.9285,

-10.2937, 10.6590

0.0000, NaN, NaN

147.3970,
-11.1794, 11.5697

0.0000, NaN, NaN

■ 47.1167, -4.7651,
4.9542

■ 47.1167, -4.7651,
4.9542

■ 46.1923, -8.7337,
9.0442

■ 48.1156, -0.5497,
0.4287

■ 45.3408, -12.4314,
12.6754

■ 49.1841, 3.8942,
-4.5104

■ 44.5643, -15.8397,
15.8318

■ 50.3210, 8.5440,
-9.8364

■ 43.8636, -18.9417,
18.5021

■ 51.5242, 13.3787,
-15.5223

■ 43.2385, -21.7237,
20.6822

■ 52.7912, 18.3782,
-21.5412

■ 42.6884, -24.1762,
22.3768

■ 54.1194, 23.5235,
-27.8665

■ 42.2119, -26.2957,
23.6010

■ 55.5064, 28.7973,
-34.4724

■ 41.8064, -28.0855,
24.3828

■ 56.9497, 34.1837,
-41.3347

■ 41.4672, -29.5649,
24.7839

■ 58.4467, 39.6681,
-48.4306

Harmonies

Analogous

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



47.1177, -3.1908, 5.6602



47.1167, -4.7651, 4.9542



47.1177, -5.7301, 3.5993

Triad

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



47.1177, -4.7662, 4.9549



47.1177, -3.6116, -0.6404



47.1177, 0.9021, 3.2033

Complementary

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



47.1167, -4.7651, 4.9542



45.4354, -0.1244, -0.0269

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.



47.1177, 0.7853, 1.5062



47.1167, -4.7651, 4.9542



47.1177, -1.8386, -0.7561

Square

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



47.1177, -4.7662, 4.9549



47.1177, -5.0704, 0.3528



47.1177, -0.2240, 0.0424



47.1177, 0.0927, 4.6744

Rectangle

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



47.1167, -4.7651, 4.9542



47.1177, -5.9049, 2.4882



47.1177, -0.2240, 0.0424



47.1177, 0.9702, 2.6412

Sweetspot

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



47.1177, -4.7662, 4.9549



63.4814, -4.5520, 4.6955



46.5951, -2.1893, 4.4089



30.6397, -2.1586, 2.2253



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.



47.1177, -4.7662, 4.9549



62.9496, -6.8117, 7.0864



46.8889, -5.5497, 4.4869



23.1384, -2.5568, 2.6603



41.0013, -29.9405, 24.7406



2.4981, -1.4169, 1.5145

Inverse Universe

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



45.4354, -0.1244, -0.0269



60.3664, 0.3164, -0.5645



45.6807, 0.6863, 0.5036



22.1487, 0.1742, -0.2710



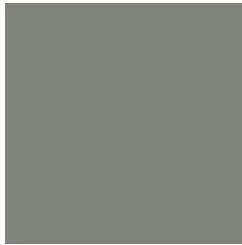
17.5566, 39.2537, -59.8747



1.2245, 2.5534, -2.7463

Previews

White Background



This preview shows how the HunterLab color 47.1167, -4.7651, 4.9542 looks on a white background.

Color Contrast Check

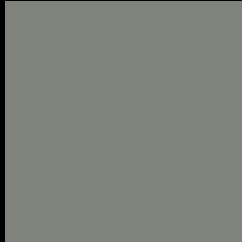
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1167, -4.7651, 4.9542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

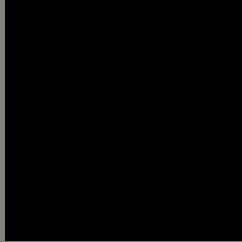
Any Text WCAG AA ✓ Pass

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 47.1167, -4.7651, 4.9542 Background



This preview shows how black text looks on a background with the HunterLab color 47.1167, -4.7651, 4.9542.



This preview shows how white text looks on a background with the HunterLab color 47.1167, -4.7651,

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

47.1167, -4.7651, 4.9542

Protanopia

47.0288, -2.2211, 5.3157

Deuteranopia

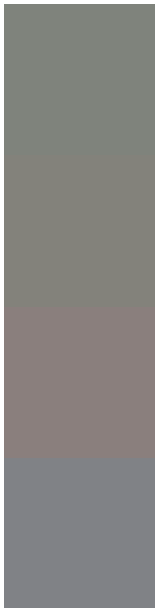
46.9864, 3.3909, 4.5296



Tritanopia

47.1505, -0.8786, -1.6763

Trichromacy



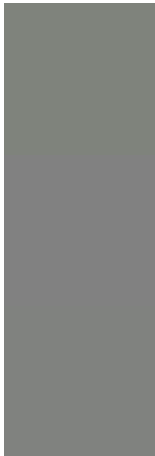
Original Color
47.1167, -4.7651, 4.9542

Protanomaly
47.1388, -3.2833, 5.4199

Deuteranomaly
46.9709, 0.5404, 4.4621

Tritanomaly
47.1971, -2.4625, 0.7064

Monochromacy



Original Color
47.1167, -4.7651, 4.9542

Achromatopsia
46.8536, -2.5000, 2.5456

Achromatomaly
46.9966, -3.5634, 3.5658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1167, -4.7651, 4.9542 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(127, 131, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 131, 124)  
}
```

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(127, 131, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 131, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1167, -4.7651, 4.9542 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(127, 131, 124) }
```


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

```
.border{ border-color:rgb(127, 131, 124) }
```

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

Here you see how a box with a 4 pixel rgb(127, 131, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 131, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 131, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 131,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1167, -4.7651, 4.9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 131, 124) }
```

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

```
.background{ background-color: rgb(127,  
131, 124) }
```

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