

Converting Colors

HunterLab(46.9831, 16.4362,
8.7032)

Have a look what the booklet for
HunterLab(46.9831, 16.4362,
8.7032) contains.

HunterLab(47.0714, 16.2950, 8.8606)	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(47.0714, 16.2950,
8.8606)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7373
RGB	171, 115, 115
RGB Percent	67%, 45%, 45%
CMY	0.3294, 0.5490, 0.5490
CMYK	0.00, 0.33, 0.33, 0.33
HSL	0°, 25%, 56%
HSV	0°, 33%, 67%
XYZ	26.0198, 22.1572, 19.1250
YIQ	131.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

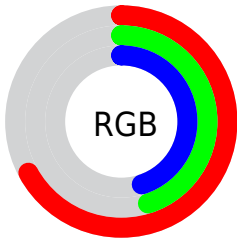
Format	Color
R_{YB}	171, 115, 115
Decimal	11236211
CIE _{Lab}	54.19, 22.10, 9.02
CIE _{LCh}	54, 23.866, 22.199
Yxy	22.1582, 0.3866, 0.3292
Android (android.graphics.Color)	4289426291 (0xFFAB7373)
YUV	131.7440, -8.2548, 34.4275
Hunter-Lab	47.0714, 16.2950, 8.8606

Details

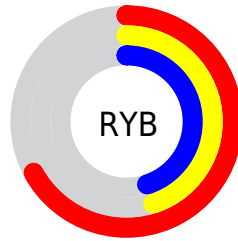
The HunterLab color **47.0714, 16.2950, 8.8606** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59.7575, -18.0006, -1.7195**, and the grayscale version is **47.9575, -2.5589, 2.6056**.

A 20% lighter version of the original color is **68.4992, 17.6867, 10.8744**, and **28.4316, 14.8942, 6.7066** is the 20% darker color. If you saturate the color by 10%, you get **42.7266, 22.7925, 10.7262**, and if you desaturate by 10%, it is **51.8239, 9.9922, 7.0925**.

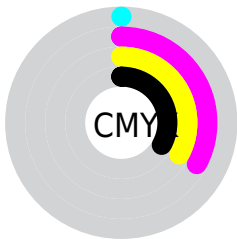
Distribution



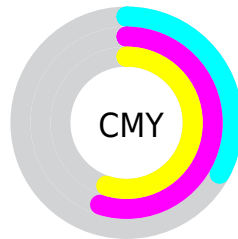
- Red (67%)
- Green (45%)
- Blue (45%)



- Red (67%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0714, 16.2950, 8.8606 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 47.0714, 16.2950, 8.8606 by changing the saturation by 10% instead.

■ 47.0714, 16.2950,
8.8606

■ 47.0714, 16.2950,
8.8606

162.2872, 18.6210,
18.7639

■ 37.3808, 15.6264,
7.7943

■ 68.5619, 17.3216,
10.9939

■ 28.4641, 14.8391,
6.7157

■ 80.2747, 17.7058,
12.0687

■ 20.3968, 13.9122,
5.6105

■ 92.5876, 18.0145,
13.1530

■ 13.2802, 12.8258,
4.4508

■ 105.4726, 18.2542,
14.2486

■ 6.8144, 13.9703,
4.7701

118.9055, 18.4304,
15.3566

0.0000, NaN, NaN

0.0000, NaN, NaN

132.8646, 18.5477,

16.4781

0.0000, NaN, NaN

147.3310, 18.6101,
17.6137

0.0000, NaN, NaN

■ 47.0714, 16.2950,
8.8606

■ 47.0714, 16.2950,
8.8606

■ 42.7266, 22.7925,
10.7262

■ 51.8239, 9.9922,
7.0925

■ 38.8654, 29.3543,
12.6467

■ 56.9150, 3.9419,
5.4319

■ 35.5789, 35.7114,
14.5399


■ 62.2930, -1.8544,
3.8771


■ 32.9573, 41.4425,
16.2712


■ 67.9159, -7.4159,
2.4187


■ 31.0694, 46.0235,
17.6698


■ 73.7506, -12.7707,
1.0447


 29.9307, 49.0049,
18.5863

 79.7706, -17.9488,
-0.2566

 29.4248, 50.3887,
19.0135

 85.9546, -22.9782,
-1.4963

 92.2854, -27.8840,
-2.6840

 93.4869, -28.7925,
-2.8988

Harmonies

Analogous

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



47.0725, 17.7113, 0.0563



47.0714, 16.2950, 8.8606



47.0725, 9.6383, 14.6691

Triad

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



47.0725, 16.2929, 8.8614



47.0725, -16.5358, 12.3031



47.0725, -5.0519, -18.9560

Complementary

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



47.0714, 16.2950, 8.8606



59.7575, -18.0006, -1.7195

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.



47.0725, -13.5466, -13.9715



47.0714, 16.2950, 8.8606



47.0725, -19.8131, 4.9376

Square

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



47.0725, 16.2929, 8.8614



47.0725, -9.4441, 16.3535



47.0725, -18.7654, -4.7491



47.0725, 4.8414, -17.3073

Rectangle

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



47.0714, 16.2950, 8.8606



47.0725, 3.4037, 16.6668



47.0725, -18.7654, -4.7491



47.0725, -8.1535, -17.9702

Sweetspot

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



47.0725, 16.2929, 8.8614



77.9837, 3.2490, 6.7212



48.8465, 25.1565, -16.2260



36.3698, 2.0408, 3.3108



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



47.0725, 16.2929, 8.8614



58.8947, 27.8219, 13.5799



54.3514, 2.4635, 15.8405



28.3115, 0.9270, 2.3555



25.5480, 43.7496, 16.5085



4.2615, 7.2959, 2.7536

Inverse Universe

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



59.7575, -18.0006, -1.7195



79.1227, -27.2685, -3.4284



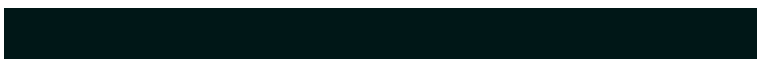
51.2154, -5.1315, -13.1335



30.1198, -3.8984, 0.8683



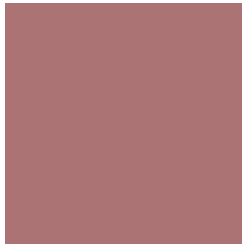
49.1630, -26.0617, -5.1896



8.2001, -4.3470, -0.8654

Previews

White Background



This preview shows how the HunterLab color 47.0714, 16.2950, 8.8606 looks on a white background.

Color Contrast Check

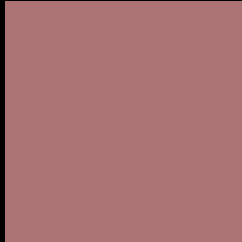
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0714, 16.2950, 8.8606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

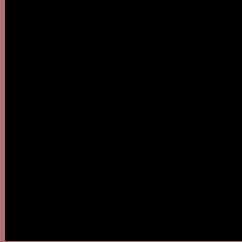
Any Text WCAG AA ✓ Pass

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 47.0714, 16.2950, 8.8606 Background



This preview shows how black text looks on a background with the HunterLab color 47.0714, 16.2950, 8.8606.



This preview shows how white text looks on a background with the HunterLab color 47.0714, 16.2950,

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

47.0714, 16.2950, 8.8606

Protanopia

47.1157, -1.9197, 5.4180

Deuteranopia

47.1689, 3.3903, 9.4872



Tritanopia

47.1279, 18.0610, 6.1923

Trichromacy



Original Color

47.0714, 16.2950, 8.8606

Protanomaly

46.8769, 4.1387, 6.4831

Deuteranomaly

46.9657, 8.1867, 8.9863

Tritanomaly

47.0502, 17.6686, 7.3084

Monochromacy



Original Color

47.0714, 16.2950, 8.8606

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.4753, 3.6985, 4.6680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0714, 16.2950, 8.8606 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(171, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(171, 115, 115)  
}
```

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(171, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 115, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0714, 16.2950, 8.8606 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(171, 115, 115) }
```


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

```
.border{ border-color:rgb(171, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(171, 115,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0714, 16.2950, 8.8606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 115, 115) }
```

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

```
.background{ background-color: rgb(171,  
115, 115) }
```

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