

Converting Colors

HunterLab(46.7370, 16.8403,
9.1767)

Have a look what the booklet for
HunterLab(46.7370, 16.8403,
9.1767) contains.

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Color

**HunterLab(46.7812, 16.5478,
9.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7271
RGB	171, 114, 113
RGB Percent	67%, 45%, 44%
CMY	0.3294, 0.5529, 0.5569
CMYK	0.00, 0.33, 0.34, 0.33
HSL	1°, 26%, 56%
HSV	1°, 34%, 67%
XYZ	25.7925, 21.8848, 18.4876
YIQ	130.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

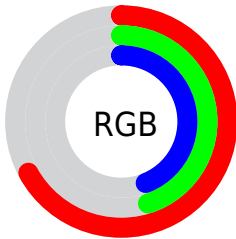
Format	Color
R_{YB}	171, 114, 113
Decimal	11235953
CIE _{Lab}	53.91, 22.39, 9.78
CIE _{LCh}	54, 24.436, 23.588
Yxy	21.8859, 0.3898, 0.3308
Android (android.graphics.Color)	4289426033 (0xFFAB7271)
YUV	130.9290, -8.8390, 35.1423
Hunter-Lab	46.7812, 16.5478, 9.3159

Details

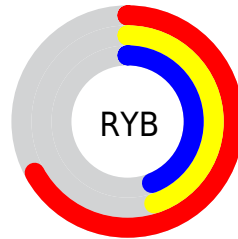
The HunterLab color **46.7812, 16.5478, 9.3159** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59.3289, -17.9739, -2.2594**, and the grayscale version is **47.6381, -2.5418, 2.5883**.

A 20% lighter version of the original color is **68.1785, 17.9370, 11.3688**, and **28.1854, 15.1497, 7.1129** is the 20% darker color. If you saturate the color by 10%, you get **42.5289, 22.9253, 11.2131**, and if you desaturate by 10%, it is **51.4331, 10.3643, 7.4880**.

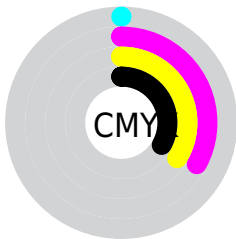
Distribution



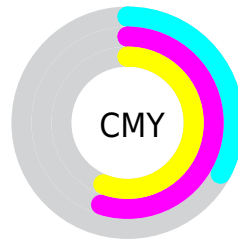
- Red (67%)
- Green (45%)
- Blue (44%)



- Red (67%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7812, 16.5478, 9.3159 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 46.7812, 16.5478, 9.3159 by changing the saturation by 10% instead.

■ 46.7812, 16.5478,
9.3159

■ 46.7812, 16.5478,
9.3159

161.8486, 18.9994,
19.5372

■ 37.1121, 15.8616,
8.2007

■ 68.2329, 17.6067,
11.5352

■ 28.2188, 15.0557,
7.0675

■ 79.9279, 18.0059,
12.6485

■ 20.1774, 14.1092,
5.9000

■ 92.2239, 18.3289,
13.7691

■ 13.0901, 13.0028,
4.6661

■ 105.0927, 18.5824,
14.8990

■ 6.5756, 14.6352,
4.6029

118.5101, 18.7718,
16.0398

0.0000, NaN, NaN

0.0000, NaN, NaN

132.4543, 18.9018,

17.1926

0.0000, NaN, NaN

146.9062, 18.9765,
18.3582

0.0000, NaN, NaN

■ 46.7812, 16.5478,
9.3159

■ 46.7812, 16.5478,
9.3159

■ 42.5289, 22.9253,
11.2131

■ 51.4331, 10.3643,
7.4880

■ 38.7493, 29.3701,
13.1311

■ 56.4175, 4.4322,
5.7456

■ 35.5295, 35.6226,
14.9831

■ 61.6843, -1.2461,
4.0920

■ 32.9552, 41.2795,
16.6352

■ 67.1925, -6.6889,
2.5214

■ 31.0920, 45.8395,
17.9255

■ 72.9095, -11.9236,
1.0249

■ 29.9553, 48.8662,
18.7226

■ 78.8093, -16.9795,
-0.4072

■ 29.5333, 50.0177,
19.0739

■ 84.8711, -21.8843,
-1.7844

■ 91.0778, -26.6627,
-3.1150

■ 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.



46.7823, 18.2784, 0.4482



46.7812, 16.5478, 9.3159



46.7823, 9.5241, 15.0485

Triad

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



46.7823, 16.5457, 9.3167



46.7823, -17.0466, 12.1906



46.7823, -4.6358, -19.6323

Complementary

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



46.7812, 16.5478, 9.3159



59.3289, -17.9739, -2.2594

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.



46.7823, -13.4180, -14.7794



46.7812, 16.5478, 9.3159



46.7823, -20.1829, 4.5519

Square

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



46.7823, 16.5457, 9.3167



46.7823, -9.9776, 16.4466



46.7823, -18.9126, -5.4164



46.7823, 5.4817, -17.6093

Rectangle

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



46.7812, 16.5478, 9.3159



46.7823, 3.0832, 16.9623



46.7823, -18.9126, -5.4164



46.7823, -7.8306, -18.7230

Sweetspot

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



46.7823, 16.5457, 9.3167



78.0971, 3.0499, 6.8477



48.3445, 26.0120, -16.4157



36.4301, 1.9341, 3.3778



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.



46.7823, 16.5457, 9.3167



58.1126, 28.7922, 14.4443



54.3003, 2.2541, 16.4404



28.3491, 0.8615, 2.3974



25.6580, 43.3740, 16.5697



4.3611, 6.9604, 2.8091

Inverse Universe

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



59.3289, -17.9739, -2.2594



78.3670, -27.4150, -4.3952



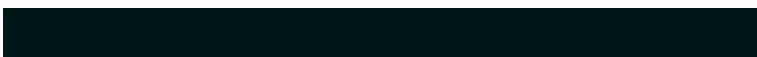
50.5082, -4.6644, -14.1857



30.0798, -3.8350, 0.8213



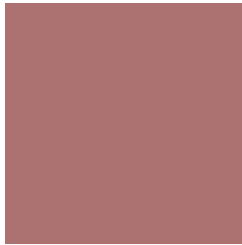
48.3200, -25.0581, -6.3025



8.1046, -4.2335, -0.9910

Previews

White Background



This preview shows how the HunterLab color 46.7812, 16.5478, 9.3159 looks on a white background.

Color Contrast Check

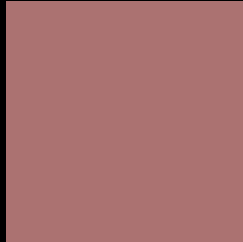
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7812, 16.5478, 9.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

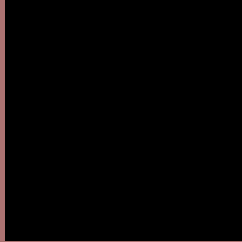
Any Text WCAG AA ✓ Pass

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 46.7812, 16.5478, 9.3159 Background



This preview shows how black text looks on a background with the HunterLab color 46.7812, 16.5478, 9.3159.



This preview shows how white text looks on a background with the HunterLab color 46.7812, 16.5478,

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

46.7812, 16.5478, 9.3159

Protanopia

47.0631, -2.2076, 6.1727

Deuteranopia

46.7535, 3.2809, 9.7953



Tritanopia

46.8630, 18.4309, 6.3134

Trichromacy



Original Color

46.7812, 16.5478, 9.3159

Protanomaly

46.8256, 3.8649, 7.2195

Deuteranomaly

46.5518, 8.0738, 9.3025

Tritanomaly

46.7856, 18.0412, 7.4245

Monochromacy



Original Color

46.7812, 16.5478, 9.3159

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.1524, 3.8926, 5.1459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7812, 16.5478, 9.3159 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, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(171, 114, 113)  
}
```

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, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 114, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7812, 16.5478, 9.3159 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, 114, 113) }
```


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

```
.border{ border-color:rgb(171, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(171, 114,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7812, 16.5478, 9.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 114, 113) }
```

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

```
.background{ background-color: rgb(171,  
114, 113) }
```

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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