

Converting Colors

HunterLab(46.2451, 12.2563,
2.4322)

Have a look what the booklet for
HunterLab(46.2451, 12.2563,
2.4322) contains.

HunterLab(46.3133, 12.0774, 2.6052)	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(46.3133, 12.0774,
2.6052)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7580
RGB	157, 117, 128
RGB Percent	62%, 46%, 50%
CMY	0.3843, 0.5412, 0.4980
CMYK	0.00, 0.25, 0.18, 0.38
HSL	344°, 17%, 54%
HSV	344°, 25%, 62%
XYZ	24.1622, 21.4492, 23.2887
YIQ	130.2140, 20.3090, 11.9010

Conversions

Conversions Part 2

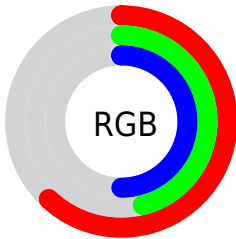
Format	Color
R_{YB}	157, 117, 128
Decimal	10319232
CIE Lab	53.44, 17.44, 0.11
CIE LCh	53, 17.438, 0.373
Yxy	21.4502, 0.3507, 0.3113
Android (android.graphics.Color)	4288509312 (0xFF9D7580)
YUV	130.2140, -1.0915, 23.4913
Hunter-Lab	46.3133, 12.0774, 2.6052

Details

The HunterLab color $46.3133, 12.0774, 2.6052$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $54.7464, -15.6561, 4.0078$, and the grayscale version is $47.3307, -2.5254, 2.5716$.

A 20% lighter version of the original color is $67.6086, 12.8496, 3.5478$, and $27.7525, 11.2757, 1.4952$ is the 20% darker color. If you saturate the color by 10%, you get $42.2019, 18.2536, 2.8453$, and if you desaturate by 10%, it is $50.7323, 6.0066, 2.6474$.

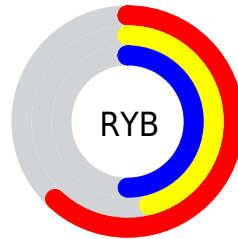
Distribution



Red (62%)

Green (46%)

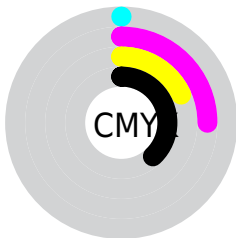
Blue (50%)



Red (62%)

Yellow (46%)

Blue (50%)

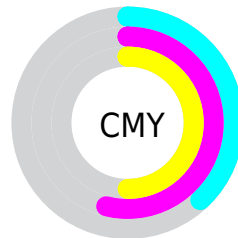


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (38%)



Cyan (38%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3133, 12.0774, 2.6052 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 46.3133, 12.0774, 2.6052 by changing the saturation by 10% instead.

■ 46.3133, 12.0774,
2.6052

■ 46.3133, 12.0774,
2.6052

161.1401, 12.7365,
8.9002

■ 36.6790, 11.6318,
2.0752

■ 67.7020, 12.6862,
3.7817

■ 27.8236, 11.0764,
1.5862

■ 79.3682, 12.8734,
4.4220

■ 19.8243, 10.3894,
1.1431

■ 91.6367, 12.9923,
5.0948

■ 12.7847, 9.5446,
0.7512

104.4794, 13.0486,
5.7987

■ 6.1700, 11.9856,
0.4122

117.8717, 13.0473,
6.5322

0.0000, NaN, NaN

131.7917, 12.9926,

0.0000, NaN, NaN

7.2943

0.0000, NaN, NaN

146.2203, 12.8880,
8.0840

0.0000, NaN, NaN

■ 46.3133, 12.0774,
2.6052

■ 46.3133, 12.0774,
2.6052

■ 42.2019, 18.2536,
2.8453

■ 50.7323, 6.0066,
2.6474

■ 38.4518, 24.4520,
3.4171

■ 55.4092, 0.0818,
2.9213

■ 35.1311, 30.4993,
4.3687

■ 60.3079, -5.6928,
3.3870

■ 32.3138, 36.1109,
5.7254

■ 65.3984, -11.3265,
4.0112

■ 30.0713, 40.8899,
7.4642

■ 70.6569, -16.8348,
4.7670

■ 28.4539, 44.3990,
9.4888

■ 76.0641, -22.2354,
5.6332

■ 27.4561, 46.3628,
11.6171

■ 81.6043, -27.5453,
6.5929

■ 27.0994, 47.0568,
12.4868

■ 87.2645, -32.7803,
7.6324

■ 91.8840, -36.4448,
7.4591

Harmonies

Analogous

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



46.3144, 10.0797, -4.4137



46.3133, 12.0774, 2.6052



46.3144, 9.9809, 8.6524

Triad

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



46.3144, 12.0757, 2.6061



46.3144, -9.2155, 12.4356



46.3144, -9.0694, -10.3344

Complementary

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



46.3133, 12.0774, 2.6052



54.7464, -15.6561, 4.0078

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.



46.3144, -13.7371, -4.5834



46.3133, 12.0774, 2.6052



46.3144, -13.8178, 8.5257

Square

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



46.3144, 12.0757, 2.6061



46.3144, -2.5631, 13.7751



46.3144, -15.4229, 2.4358



46.3144, -2.3842, -12.5388

Rectangle

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



46.3133, 12.0774, 2.6052



46.3144, 6.6152, 11.4971



46.3144, -15.4229, 2.4358



46.3144, -10.9116, -8.7128

Sweetspot

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



46.3144, 12.0757, 2.6061



72.4434, 2.2135, 3.7840



46.0852, 13.2493, -12.4089



33.5612, 1.5652, 1.7474



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



46.3144, 12.0757, 2.6061



58.5578, 21.2095, 3.6346



48.2597, 6.2923, 9.1699



25.8353, 1.1090, 1.3460



24.4337, 42.4500, 11.0858



3.3662, 6.0386, 0.0523

Inverse Universe

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



46.3144, 12.0757, 2.6061



58.5578, 21.2095, 3.6346



52.4418, -9.8616, -3.9222



25.8353, 1.1090, 1.3460



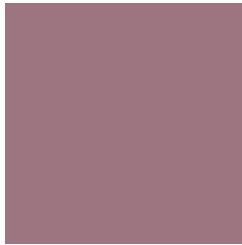
24.4337, 42.4500, 11.0858



3.3662, 6.0386, 0.0523

Previews

White Background



This preview shows how the HunterLab color 46.3133, 12.0774, 2.6052 looks on a white background.

Color Contrast Check

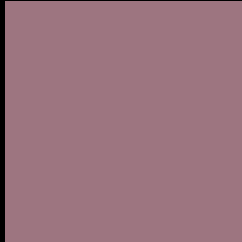
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.3133, 12.0774, 2.6052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

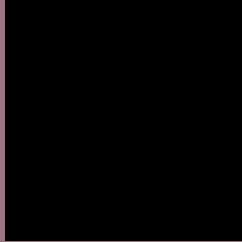
Any Text WCAG AA ✓ Pass

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 46.3133, 12.0774, 2.6052 Background



This preview shows how black text looks on a background with the HunterLab color 46.3133, 12.0774, 2.6052.



This preview shows how white text looks on a background with the HunterLab color 46.3133, 12.0774,

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

46.3133, 12.0774, 2.6052

Protanopia

46.3564, -1.0523, -0.3008

Deuteranopia

46.4869, 3.2113, 3.0926



Tritanopia

46.2569, 11.7863, 3.4095

Trichromacy



Original Color

46.3133, 12.0774, 2.6052

Protanomaly

46.1745, 3.8368, 0.4893

Deuteranomaly

46.2710, 6.5985, 2.8995

Tritanomaly

46.2850, 11.9312, 3.0091

Monochromacy



Original Color

46.3133, 12.0774, 2.6052

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.7201, 2.7188, 2.4796

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3133, 12.0774, 2.6052 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(157, 117, 128)` looks like.

```
.text, #text, p{  
    color:rgb(157, 117, 128)  
}
```

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(157, 117, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 117, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3133, 12.0774, 2.6052 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(157, 117, 128) }
```


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

```
.border{ border-color:rgb(157, 117, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 117, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 117, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 117, 128);  
box-shadow:4px 4px 4px 4px rgb(157, 117,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3133, 12.0774, 2.6052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 117, 128) }
```

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

```
.background{ background-color: rgb(157,  
117, 128) }
```

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