

Converting Colors

HunterLab(58.2171, -0.9939,
16.9377)

Have a look what the booklet for
HunterLab(58.2171, -0.9939,
16.9377) contains.

HunterLab(58.2981, -1.0551, 16.8468)	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(58.2981, -1.0551,
16.8468)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9B7B
RGB	175, 155, 123
RGB Percent	69%, 61%, 48%
CMY	0.3137, 0.3921, 0.5176
CMYK	0.00, 0.11, 0.30, 0.31
HSL	37°, 25%, 58%
HSV	37°, 30%, 69%
XYZ	32.9757, 33.9867, 23.5610
YIQ	157.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

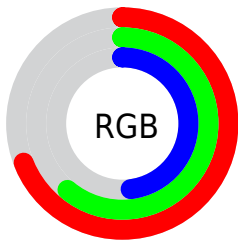
Format	Color
RYB	156, 175, 123
Decimal	11508603
CIELab	64.95, 2.40, 19.50
CIELCh	65, 19.649, 82.978
Yxy	33.9882, 0.3643, 0.3755
Android (android.graphics.Color)	4289698683 (0xFFAF9B7B)
YUV	157.3320, -16.9257, 15.4948
Hunter-Lab	58.2981, -1.0551, 16.8468

Details

The HunterLab color $58.2981, -1.0551, 16.8468$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51.9137, -2.3840, -14.3731$, and the grayscale version is $58.2626, -3.1087, 3.1655$.

A 20% lighter version of the original color is $81.0706, -1.8579, 19.8836$, and $38.1217, -0.1652, 13.4115$ is the 20% darker color. If you saturate the color by 10%, you get $56.0450, 0.2977, 20.2581$, and if you desaturate by 10%, it is $60.6377, -2.1338, 12.8778$.

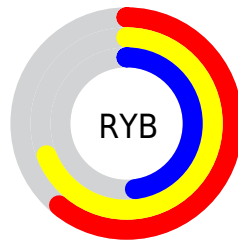
Distribution



Red (69%)

Green (61%)

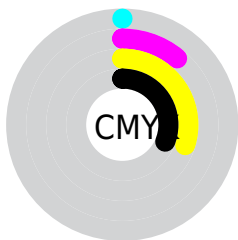
Blue (48%)



Red (61%)

Yellow (69%)

Blue (48%)

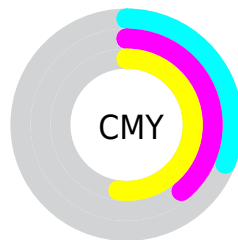


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (31%)



Cyan (31%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2981, -1.0551, 16.8468 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 58.2981, -1.0551, 16.8468 by changing the saturation by 10% instead.

■ 58.2981, -1.0551,
16.8468

■ 58.2981, -1.0551,
16.8468

178.9077, -6.5776,
31.1801

■ 47.8378, -0.6276,
15.1439

■ 81.1883, -2.0426,
20.1362

■ 38.0898, -0.2457,
13.3792

■ 93.5455, -2.5929,
21.7421

■ 29.1119, 0.0835,
11.5277

■ 106.4729, -3.1785,
23.3318

■ 20.9771, 0.3523,
9.5487

119.9464, -3.7974,
24.9104

■ 13.7839, 0.5498,
7.7602

133.9447, -4.4481,
26.4818

■ 7.4051, 1.0180,
5.1836

148.4488, -5.1291,

0.0000, NaN, NaN

28.0490

0.0000, NaN, NaN

163.4416, -5.8393,
29.6144

0.0000, NaN, NaN

■ 58.2981, -1.0551,
16.8468

■ 58.2981, -1.0551,
16.8468

■ 56.0450, 0.2977,
20.2581

■ 60.6377, -2.1338,
12.8778

■ 53.8791, 1.9410,
23.0740

■ 63.0550, -2.9455,
8.3857

■ 51.8065, 3.8798,
25.2641

■ 65.5469, -3.5063,
3.4083

■ 49.8316, 6.1157,
26.8054

■ 68.1091, -3.8310,
-2.0187

■ 47.9583, 8.6422,
27.6885

■ 70.7374, -3.9344,
-7.8614

■ 46.1891, 11.4421,
27.9271

■ 73.4281, -3.8311,
-14.0882

■ 44.5181, 14.4495,
27.6657

■ 76.1777, -3.5350,
-20.6698

■ 44.4713, 14.5362,
27.6575

■ 78.6490, -4.8869,
-22.9429

■ 80.7624, -8.3361,
-19.8347

Harmonies

Analogous

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



58.2994, 7.2921, 14.4910



58.2981, -1.0551, 16.8468



58.2994, -9.4944, 15.9924

Triad

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



58.2994, -1.0571, 16.8476



58.2994, -17.7134, -3.3789



58.2994, 10.8356, -7.2315

Complementary

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



58.2981, -1.0551, 16.8468



51.9137, -2.3840, -14.3731

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.



58.2994, 3.5535, -13.4389



58.2981, -1.0551, 16.8468



58.2994, -12.8375, -10.9970

Square

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



58.2994, -1.0571, 16.8476



58.2994, -18.7881, 5.0833



58.2994, -5.1425, -14.9092



58.2994, 14.4141, 1.1966

Rectangle

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



58.2981, -1.0551, 16.8468



58.2994, -14.0731, 13.6458



58.2994, -5.1425, -14.9092



58.2994, 8.7199, -9.6944

Sweetspot

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



58.2994, -1.0571, 16.8476



84.5680, -3.9924, 10.8673



50.2870, 17.7100, 0.2812



39.6475, -1.8200, 5.5510



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



58.2994, -1.0571, 16.8476



75.9235, -0.2028, 25.7825



63.7291, -12.2621, 21.6208



29.6732, -1.3971, 3.8470



37.7951, 11.9724, 23.4987



7.0641, 0.5484, 4.3624

Inverse Universe

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



51.9137, -2.3840, -14.3731



65.4966, -2.2393, -25.4341



46.7614, 8.8405, -22.4551



28.7111, -1.6146, -0.8244



22.8648, 15.0013, -60.9625



5.0323, 0.0591, -6.4176

Previews

White Background



This preview shows how the HunterLab color 58.2981, -1.0551, 16.8468 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 58.2981, -1.0551, 16.8468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

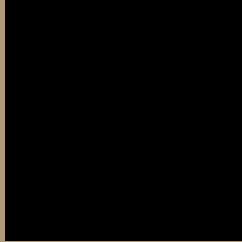
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.2981, -1.0551, 16.8468 Background



This preview shows how black text looks on a background with the HunterLab color 58.2981, -1.0551, 16.8468.



This preview shows how white text looks on a background with the HunterLab color 58.2981, -1.0551,

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

58.2981, -1.0551, 16.8468

Protanopia

58.2186, -4.2492, 16.3799

Deuteranopia

58.1195, 4.1628, 16.4331



Tritanopia

58.2835, 8.0432, 1.7543

Trichromacy



Original Color

58.2981, -1.0551, 16.8468

Protanomaly

58.2152, -2.7732, 16.4025

Deuteranomaly

58.0822, 2.6073, 16.3704

Tritanomaly

58.3336, 4.5715, 7.9685

Monochromacy



Original Color

58.2981, -1.0551, 16.8468

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

58.0636, -2.2859, 8.3846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2981, -1.0551, 16.8468 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(175, 155, 123)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 123)  
}
```

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(175, 155, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2981, -1.0551, 16.8468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

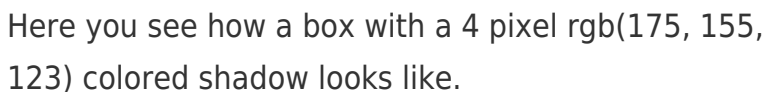
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 155, 123) }
```


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

```
.border{ border-color:rgb(175, 155, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 155, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 155, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 155, 123); box-shadow:4px 4px 4px 4px rgb(175, 155, 123) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2981, -1.0551, 16.8468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 123) }
```

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

```
.background{ background-color: rgb(175,  
155, 123) }
```

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