

Converting Colors

HunterLab(49.6120, -1.7732,
18.1639)

Have a look what the booklet for
HunterLab(49.6120, -1.7732,
18.1639) contains.

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Color

**HunterLab(49.6113, -1.7718,
18.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	99865D
RGB	153, 134, 93
RGB Percent	60%, 53%, 36%
CMY	0.4000, 0.4745, 0.6353
CMYK	0.00, 0.12, 0.39, 0.40
HSL	41°, 24%, 48%
HSV	41°, 39%, 60%
XYZ	23.6378, 24.6128, 13.8608
YIQ	135.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

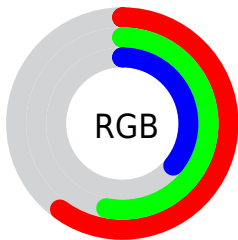
Format	Color
R_{YB}	121, 153, 93
Decimal	10061405
CIE _{Lab}	56.70, 1.08, 24.73
CIE _{LCh}	57, 24.753, 87.491
Yxy	24.6140, 0.3806, 0.3963
Android (android.graphics.Color)	4288251485 (0xFF99865D)
YUV	135.0070, -20.7095, 15.7799
Hunter-Lab	49.6113, -1.7718, 18.1630

Details

The HunterLab color $49.6113, -1.7718, 18.1630$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40.2677, 0.7138, -19.5484$, and the grayscale version is $49.2984, -2.6304, 2.6785$.

A 20% lighter version of the original color is $71.3892, -2.8706, 22.0258$, and $30.7587, -0.9690, 13.9540$ is the 20% darker color. If you saturate the color by 10%, you get $48.0216, -0.8769, 20.7455$, and if you desaturate by 10%, it is $51.2667, -2.4269, 15.0427$.

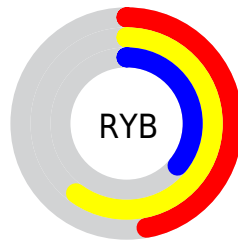
Distribution



Red (60%)

Green (53%)

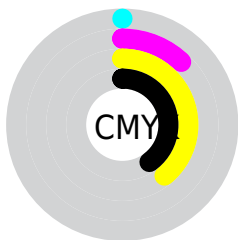
Blue (36%)



Red (47%)

Yellow (60%)

Blue (36%)

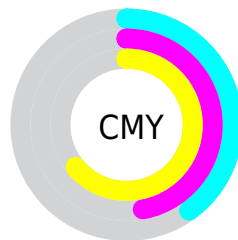


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6113, -1.7718, 18.1630 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 49.6113, -1.7718, 18.1630 by changing the saturation by 10% instead.

■ 49.6113, -1.7718,
18.1630

■ 49.6113, -1.7718,
18.1630

166.1054, -7.5634,
34.9750

■ 39.7362, -1.3081,
16.0478

■ 71.4355, -2.8267,
22.1538

■ 30.6193, -0.8884,
13.8125

■ 83.3013, -3.4087,
24.0658

■ 22.3313, -0.5195,
11.4100

■ 95.7598, -4.0249,
25.9393

■ 14.9652, -0.2091,
9.3513

■ 108.7842, -4.6735,
27.7829

■ 8.6107, 0.0885,
6.0275

122.3506, -5.3528,
29.6035

0.0000, NaN, NaN

0.0000, NaN, NaN

136.4384, -6.0617,

31.4064

0.0000, NaN, NaN

151.0289, -6.7989,
33.1957

0.0000, NaN, NaN

■ 49.6113, -1.7718,
18.1630

■ 49.6113, -1.7718,
18.1630

■ 48.0216, -0.8769,
20.7455

■ 51.2667, -2.4269,
15.0427

■ 46.4964, 0.2669,
22.7702

■ 52.9820, -2.8434,
11.4060

■ 45.0384, 1.6578,
24.2271

■ 54.7558, -3.0317,
7.2794

■ 43.6489, 3.2904,
25.1168

■ 56.5856, -3.0015,
2.6901

■ 42.3278, 5.1519,
25.4579

■ 58.4689, -2.7633,
-2.3340

■ 41.0679, 7.1882,
25.3819

■ 60.4032, -2.3281,
-7.7658

■ 40.9706, 7.3496,
25.3745

■ 62.3861, -1.7067,
-13.5786

■ 64.4152, -0.9100,
-19.7474

■ 66.4885, 0.0517,
-26.2484

Harmonies

Analogous

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



49.6125, 8.5322, 16.1856



49.6113, -1.7718, 18.1630



49.6125, -11.5261, 16.7567

Triad

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



49.6125, -1.7736, 18.1636



49.6125, -19.1339, -6.8815



49.6125, 15.3175, -8.6182

Complementary

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



49.6113, -1.7718, 18.1630



40.2677, 0.7138, -19.5484

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.



49.6125, 6.8979, -17.2535



49.6113, -1.7718, 18.1630



49.6125, -12.9216, -16.1146

Square

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



49.6125, -1.7736, 18.1636



49.6125, -21.0469, 3.5241



49.6125, -3.5201, -20.2430



49.6125, 18.8926, 1.8626

Rectangle

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



49.6113, -1.7718, 18.1630



49.6125, -16.5149, 13.8875



49.6125, -3.5201, -20.2430



49.6125, 12.9278, -11.9085

Sweetspot

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



49.6125, -1.7736, 18.1636



72.5509, -4.0124, 11.4775



39.7128, 20.2901, 1.9397



33.9622, -1.8740, 5.6985



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.6125, -1.7736, 18.1636



64.5334, -1.3463, 27.3594



54.1513, -13.9309, 21.7849



26.2542, -1.4536, 3.4926



37.3294, 6.5253, 23.1164



5.2233, -0.3617, 3.2122

Inverse Universe

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



40.2677, 0.7138, -19.5484



49.4767, 3.0253, -34.1366



36.1551, 12.6272, -26.9213



25.1588, -1.2019, -0.8473



19.3196, 18.5583, -64.2099



3.4066, 0.0569, -4.3808

Previews

White Background



This preview shows how the HunterLab color 49.6113, -1.7718, 18.1630 looks on a white background.

Color Contrast Check

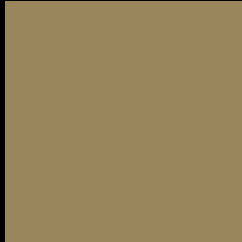
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6113, -1.7718, 18.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

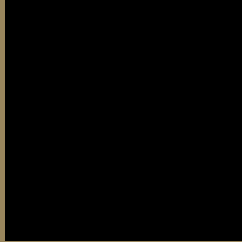
Any Text WCAG AA ✓ Pass

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 49.6113, -1.7718, 18.1630 Background



This preview shows how black text looks on a background with the HunterLab color 49.6113, -1.7718, 18.1630.



This preview shows how white text looks on a background with the HunterLab color 49.6113, -1.7718,

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

49.6113, -1.7718, 18.1630

Protanopia

49.6181, -4.6034, 17.8399

Deuteranopia

49.5580, 3.7059, 17.9330



Tritanopia

49.5403, 8.4528, 1.8976

Trichromacy



Original Color

49.6113, -1.7718, 18.1630

Protanomaly

49.5234, -3.4818, 17.7770

Deuteranomaly

49.4082, 1.8127, 17.7692

Tritanomaly

49.4351, 4.5014, 8.4577

Monochromacy



Original Color

49.6113, -1.7718, 18.1630

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.4316, -2.6946, 9.0992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6113, -1.7718, 18.1630 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(153, 134, 93)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 93)  
}
```

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(153, 134, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6113, -1.7718, 18.1630 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(153, 134, 93) }
```


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

```
.border{ border-color:rgb(153, 134, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 93);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6113, -1.7718, 18.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 93) }
```

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

```
.background{ background-color: rgb(153,  
134, 93) }
```

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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