

Converting Colors

HunterLab(49.7667, -17.5792,
12.2915)

Have a look what the booklet for
HunterLab(49.7667, -17.5792,
12.2915) contains.

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Color

**HunterLab(49.6485,
-17.4912, 12.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	6D916F
RGB	109, 145, 111
RGB Percent	43%, 57%, 44%
CMY	0.5725, 0.4314, 0.5647
CMYK	0.25, 0.00, 0.23, 0.43
HSL	123°, 14%, 50%
HSV	123°, 25%, 57%
XYZ	19.3014, 24.6497, 18.7796
YIQ	130.3600, -10.5420, -18.2060

Conversions

Conversions Part 2

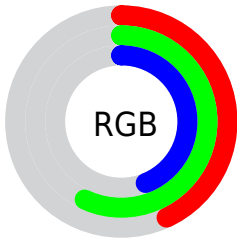
Format	Color
R_{YB}	109, 143, 145
Decimal	7180655
CIE _{Lab}	56.73, -19.61, 14.07
CIE _{LCh}	57, 24.139, 144.337
Yxy	24.6508, 0.3077, 0.3929
Android (android.graphics.Color)	4285370735 (0xFF6D916F)
YUV	130.3600, -9.5445, -18.7327
Hunter-Lab	49.6485, -17.4912, 12.3275

Details

The HunterLab color $49.6485, -17.4912, 12.3275$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43.5210, 14.4991, -8.3326$, and the grayscale version is $47.4291, -2.5307, 2.5769$.

A 20% lighter version of the original color is $71.4621, -20.8186, 14.9217$, and $30.5368, -13.9046, 9.4426$ is the 20% darker color. If you saturate the color by 10%, you get $48.5045, -22.4485, 15.5793$, and if you desaturate by 10%, it is $50.9634, -11.9610, 8.7403$.

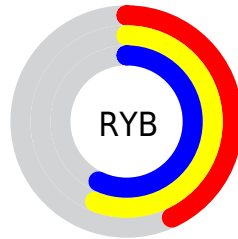
Distribution



Red (43%)

Green (57%)

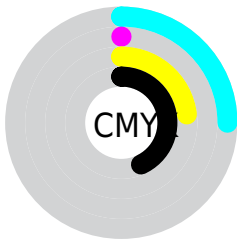
Blue (44%)



Red (43%)

Yellow (56%)

Blue (57%)

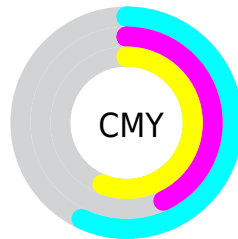


Cyan (25%)

Magenta (0%)

Yellow (23%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6485, -17.4912, 12.3275 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 49.6485, -17.4912, 12.3275 by changing the saturation by 10% instead.

■ 49.6485, -17.4912,
12.3275

■ 49.6485, -17.4912,
12.3275

166.1609,
-31.8663, 24.3899

■ 39.7707, -15.7668,
10.9394

■ 71.4774, -20.8065,
15.0346

■ 30.6509, -13.9699,
9.5081

■ 83.3454, -22.4199,
16.3698

■ 22.3597, -12.0673,
8.0093

■ 95.8060, -24.0147,
17.7005

■ 14.9900, -10.0001,
6.4001

■ 108.8324,
-25.5966, 19.0304

■ 8.6339, -10.3594,
6.0437

122.4008,
-27.1697, 20.3624

0.0000, NaN, NaN

136.4904,

0.0000, NaN, NaN

-28.7374, 21.6986

0.0000, NaN, NaN

151.0827,
-30.3022, 23.0407

0.0000, NaN, NaN

■ 49.6485, -17.4912,
12.3275

■ 49.6485, -17.4912,
12.3275

■ 48.5045, -22.4485,
15.5793

■ 50.9634, -11.9610,
8.7403

■ 47.5303, -26.7732,
18.4556

■ 52.4419, -5.9194,
4.8582

■ 46.7268, -30.4223,
20.9252

■ 54.0791, 0.5656,
0.7249

■ 46.0904, -33.3696,
22.9668

■ 55.8683, 7.4280,
-3.6179

■ 45.6145, -35.6121,
24.5719

■ 57.8017, 14.6056,
-8.1317

■ 45.2882, -37.1739,
25.7479

■ 59.8713, 22.0422,
-12.7819

■ 45.0944, -38.1165,
26.5186

■ 62.0691, 29.6879,
-17.5386

■ 45.0216, -38.4660,
26.7640

■ 64.3870, 37.5002,
-22.3763

■ 66.8172, 45.4431,
-27.2739

Harmonies

Analogous

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



49.6496, -10.4188, 16.7823



49.6485, -17.4912, 12.3275



49.6496, -20.5688, 4.4944

Triad

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



49.6496, -17.4922, 12.3281



49.6496, -4.5572, -19.4702



49.6496, 16.3495, 9.7414

Complementary

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



49.6485, -17.4912, 12.3275



43.5210, 14.4991, -8.3326

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.



49.6496, 18.2324, 0.8413



49.6485, -17.4912, 12.3275



49.6496, 5.6240, -17.2929

Square

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



49.6496, -17.4922, 12.3281



49.6496, -13.4942, -14.8103



49.6496, 14.1664, -9.3451



49.6496, 9.2090, 15.5116

Rectangle

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



49.6485, -17.4912, 12.3275



49.6496, -20.1321, -2.1029



49.6496, 14.1664, -9.3451



49.6496, 17.6411, 7.0711

Sweetspot

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



49.6496, -17.4922, 12.3281



69.6998, -9.8510, 7.7371



52.1668, -8.3181, 15.5554



32.8272, -4.8377, 3.7720



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.6496, -17.4922, 12.3281



65.5248, -27.3516, 19.0778



50.0827, -15.0012, 6.0926



24.5641, -4.0791, 3.1194



41.6969, -35.6142, 24.7633



4.0866, -3.4228, 2.2811

Inverse Universe

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



43.5210, 14.4991, -8.3326



55.5281, 24.9514, -14.6839



42.9457, 11.5516, -0.2144



23.4647, 1.6396, -0.5765



25.9083, 50.3476, -29.6055



2.5534, 4.9928, -3.1567

Previews

White Background



This preview shows how the HunterLab color 49.6485, -17.4912, 12.3275 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 49.6485, -17.4912, 12.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

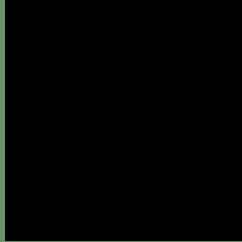
Any Text WCAG AA ✓ Pass

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 49.6485, -17.4912, 12.3275 Background



This preview shows how black text looks on a background with the HunterLab color 49.6485, -17.4912, 12.3275.



This preview shows how white text looks on a background with the HunterLab color 49.6485,

-17.4912, 12.3275.

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

49.6485, -17.4912, 12.3275

Protanopia

49.3141, -3.7012, 13.5985

Deuteranopia

49.5131, 2.9891, 11.4989



Tritanopia

49.7027, -7.3720, -4.4283

Trichromacy



Original Color

49.6485, -17.4912, 12.3275

Protanomaly

49.3693, -9.3857, 13.2185

Deuteranomaly

49.2844, -5.0018, 11.4868

Tritanomaly

49.6329, -11.5958, 2.5560

Monochromacy



Original Color

49.6485, -17.4912, 12.3275

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.8493, -8.1379, 6.1227

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6485, -17.4912, 12.3275 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(109, 145, 111)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 111)  
}
```

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(109, 145, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6485, -17.4912, 12.3275 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(109, 145, 111) }
```


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

```
.border{ border-color:rgb(109, 145, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 145, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 111);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6485, -17.4912, 12.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 111) }
```

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

```
.background{ background-color: rgb(109,  
145, 111) }
```

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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