

Converting Colors

HunterLab(49.6181, 36.6318,
16.7886)

Have a look what the booklet for
HunterLab(49.6181, 36.6318,
16.7886) contains.

HunterLab(49.6162, 36.5767, 16.8063)	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(49.6162, 36.5767,
16.8063)**

Conversions

Conversions Part 1

Format	Color
Hex	D46764
RGB	212, 103, 100
RGB Percent	83%, 40%, 39%
CMY	0.1686, 0.5961, 0.6078
CMYK	0.00, 0.51, 0.53, 0.17
HSL	2°, 57%, 61%
HSV	2°, 53%, 83%
XYZ	34.3019, 24.6177, 15.0004
YIQ	135.2490, 65.9270, 22.1750

Conversions

Conversions Part 2

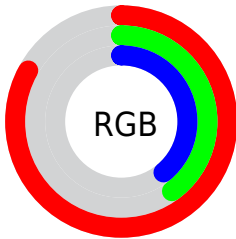
Format	Color
R_{YB}	212, 103, 100
Decimal	13920100
CIE _{Lab}	56.70, 42.61, 22.05
CIE _{LCh}	57, 47.982, 27.362
Yxy	24.6190, 0.4640, 0.3330
Android (android.graphics.Color)	4292110180 (0xFFD46764)
YUV	135.2490, -17.3778, 67.3106
Hunter-Lab	49.6162, 36.5767, 16.8063

Details

The HunterLab color **49.6162, 36.5767, 16.8063** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72.8428, -29.6070, -6.3313**, and the grayscale version is **49.3703, -2.6343, 2.6824**.

A 20% lighter version of the original color is **68.9988, 31.5823, 17.9112**, and **30.6545, 33.4852, 12.9609** is the 20% darker color. If you saturate the color by 10%, you get **45.4423, 44.6066, 19.1805**, and if you desaturate by 10%, it is **54.5042, 28.3369, 14.3335**.

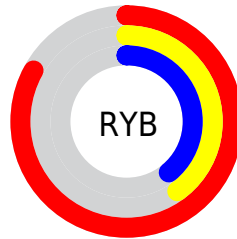
Distribution



Red (83%)

Green (40%)

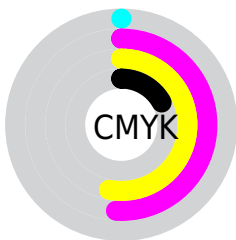
Blue (39%)



Red (83%)

Yellow (40%)

Blue (39%)

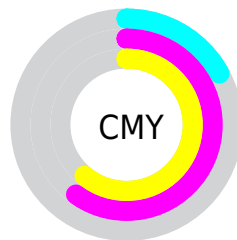


Cyan (0%)

Magenta (51%)

Yellow (53%)

Black (17%)



Cyan (17%)

Magenta (60%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6162, 36.5767, 16.8063 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 49.6162, 36.5767, 16.8063 by changing the saturation by 10% instead.

■ 49.6162, 36.5767,
16.8063

■ 49.6162, 36.5767,
16.8063

166.1129, 45.6870,
32.3972

■ 39.7409, 35.0629,
14.8788

■ 71.4412, 39.2457,
20.4664

■ 30.6237, 33.4314,
12.8503

■ 83.3073, 40.4225,
22.2299

■ 22.3352, 31.6901,
10.6791

■ 95.7661, 41.5033,
23.9637

■ 14.9686, 29.8976,
8.6105

■ 108.7907, 42.4950,
25.6753

■ 8.6138, 28.5980,
6.0297

122.3575, 43.4040,
27.3704

0.0000, INF, NaN

0.0000, NaN, NaN

136.4455, 44.2358,

29.0534

0.0000, NaN, NaN

151.0363, 44.9953,
30.7281

0.0000, NaN, NaN

■ 49.6162, 36.5767,
16.8063

■ 49.6162, 36.5767,
16.8063

■ 45.4423, 44.6066,
19.1805

■ 54.5042, 28.3369,
14.3335

■ 42.0904, 51.9297,
21.2810

■ 59.9918, 20.2136,
11.8725

■ 39.6492, 57.8973,
22.9011

■ 65.9826, 12.3625,
9.4846

■ 38.1439, 61.9276,
23.8740

■ 72.3960, 4.8408,
7.1953

■ 37.5773, 63.5075,
24.2668

■ 79.1668, -2.3510,
5.0091

■ 86.2433, -9.2393,
2.9202

■ 93.5843, -15.8610,
0.9185

■ 96.3001, -18.4567,
0.7684

Harmonies

Analogous

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



49.6175, 42.1863, 0.9779



49.6162, 36.5767, 16.8063



49.6175, 19.9742, 24.7644

Triad

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



49.6175, 36.5733, 16.8072



49.6175, -31.1943, 18.7255



49.6175, -4.4172, -49.8855

Complementary

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



49.6162, 36.5767, 16.8063



72.8428, -29.6070, -6.3313

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.



49.6175, -21.8301, -39.3324



49.6162, 36.5767, 16.8063



49.6175, -35.6703, 4.3641

Square

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



49.6175, 36.5733, 16.8072



49.6175, -19.2011, 25.5218



49.6175, -32.5336, -17.3544



49.6175, 16.4023, -42.3322

Rectangle

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



49.6162, 36.5767, 16.8063



49.6175, 6.0965, 26.8562



49.6175, -32.5336, -17.3544



49.6175, -10.8300, -48.2674

Sweetspot

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



49.6175, 36.5733, 16.8072



86.5312, 9.0155, 9.7958



52.6985, 54.6396, -35.2679



39.2694, 5.0607, 4.8028

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6175, 36.5733, 16.8072



55.6185, 55.7735, 23.8716



62.7100, 8.8279, 27.3969



35.3180, 1.1152, 3.0463



29.5646, 49.7649, 19.0888



7.3922, 11.7813, 4.7613

Inverse Universe

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



72.8428, -29.6070, -6.3313



88.5539, -39.8678, -9.4747



55.3337, -4.1965, -32.7177



37.4807, -4.8113, 0.9637



55.0484, -28.1728, -7.9887



13.5875, -7.0007, -1.8705

Previews

White Background



This preview shows how the HunterLab color 49.6162, 36.5767, 16.8063 looks on a white background.

Color Contrast Check

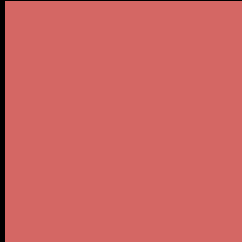
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6162, 36.5767, 16.8063 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 49.6162, 36.5767, 16.8063 Background



This preview shows how black text looks on a background with the HunterLab color 49.6162, 36.5767, 16.8063.



This preview shows how white text looks on a background with the HunterLab color 49.6162, 36.5767,

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

49.6162, 36.5767, 16.8063

Protanopia

49.7749, -3.1893, 11.2950

Deuteranopia

49.8451, 3.3230, 17.8946



Tritanopia

49.7524, 38.3339, 14.0868

Trichromacy



Original Color

49.6162, 36.5767, 16.8063

Protanomaly

48.9654, 10.4927, 12.4936

Deuteranomaly

49.3574, 15.0706, 17.0926

Tritanomaly

49.6885, 38.0364, 15.0132

Monochromacy



Original Color

49.6162, 36.5767, 16.8063

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.3297, 10.3432, 7.3737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6162, 36.5767, 16.8063 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(212, 103, 100)` looks like.

```
.text, #text, p{  
    color:rgb(212, 103, 100)  
}
```

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(212, 103, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 103, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6162, 36.5767, 16.8063 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(212, 103, 100) }
```


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

```
.border{ border-color:rgb(212, 103, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 103, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 103, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 103, 100); box-shadow:4px 4px 4px 4px rgb(212, 103, 100) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6162, 36.5767, 16.8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 103, 100) }
```

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

```
.background{ background-color: rgb(212,  
103, 100) }
```

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