

Converting Colors

HunterLab(49.7869, 23.4178,
18.3732)

Have a look what the booklet for
HunterLab(49.7869, 23.4178,
18.3732) contains.

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Color

**HunterLab(49.8050, 23.6437,
18.4971)**

Conversions

Conversions Part 1

Format	Color
Hex	C4735E
RGB	196, 115, 94
RGB Percent	77%, 45%, 37%
CMY	0.2314, 0.5490, 0.6314
CMYK	0.00, 0.41, 0.52, 0.23
HSL	12°, 46%, 57%
HSV	12°, 52%, 77%
XYZ	30.9161, 24.8054, 13.7482
YIQ	136.8250, 55.0170, 10.6410

Conversions

Conversions Part 2

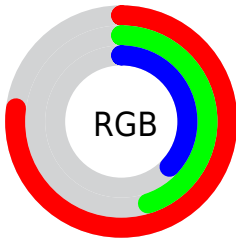
Format	Color
RYB	196, 120, 94
Decimal	12874590
CIELab	56.89, 29.70, 25.33
CIELCh	57, 39.033, 40.459
Yxy	24.8066, 0.4450, 0.3571
Android (android.graphics.Color)	4291064670 (0xFFC4735E)
YUV	136.8250, -21.1127, 51.8965
Hunter-Lab	49.8050, 23.6437, 18.4971

Details

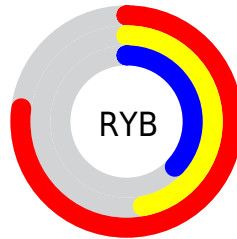
The HunterLab color **49.8050, 23.6437, 18.4971** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **60.8468, -18.7409, -13.7227**, and the grayscale version is **50.0132, -2.6686, 2.7173**.

A 20% lighter version of the original color is **71.6307, 25.0439, 22.4040**, and **30.7944, 21.8774, 13.9745** is the 20% darker color. If you saturate the color by 10%, you get **46.0903, 29.7883, 20.4968**, and if you desaturate by 10%, it is **53.9061, 17.7125, 16.1479**.

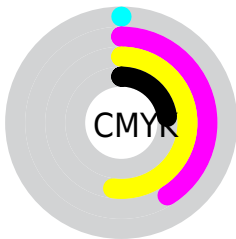
Distribution



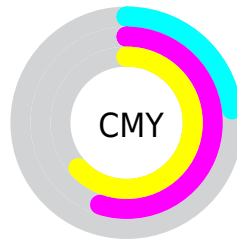
- Red (77%)
- Green (45%)
- Blue (37%)



- Red (77%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8050, 23.6437, 18.4971 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 49.8050, 23.6437, 18.4971 by changing the saturation by 10% instead.

■ 49.8050, 23.6437,
18.4971

■ 49.8050, 23.6437,
18.4971

166.3952, 28.4742,
35.5794

■ 39.9162, 22.6557,
16.3418

■ 71.6543, 25.2823,
22.5602

■ 30.7844, 21.5440,
14.0625

■ 83.5316, 25.9599,
24.5050

■ 22.4799, 20.2931,
11.6119

■ 96.0011, 26.5535,
26.4093

■ 15.0952, 18.8990,
9.5271

■ 109.0359, 27.0702,
28.2823

■ 8.7315, 17.5859,
6.1120

122.6124, 27.5158,
30.1309

0.0000, INF, NaN

0.0000, NaN, NaN

136.7099, 27.8955,

31.9604

0.0000, NaN, NaN

151.3097, 28.2137,
33.7754

0.0000, NaN, NaN

■ 49.8050, 23.6437,
18.4971

■ 49.8050, 23.6437,
18.4971

■ 46.0903, 29.7883,
20.4968

■ 53.9061, 17.7125,
16.1479

■ 42.8152, 36.0151,
22.0423

■ 58.3383, 12.0724,
13.5327

■ 40.0383, 42.0906,
23.0303

■ 63.0580, 6.7423,
10.7188

■ 37.8094, 47.6922,
23.3884

■ 68.0272, 1.7156,
7.7550

■ 36.4387, 51.5259,
23.3554

■ 73.2147, -3.0287,
4.6765

■ 78.5941, -7.5182,
1.5081

■ 84.1440, -11.7821,
-1.7327

■ 89.8463, -15.8482,
-5.0334

■ 95.1187, -22.7572,
-0.7582

Harmonies

Analogous

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



49.8063, 32.2508, 7.8493



49.8050, 23.6437, 18.4971



49.8063, 8.3182, 23.4881

Triad

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



49.8063, 23.6408, 18.4979



49.8063, -29.0025, 11.7273



49.8063, 3.1875, -36.6683

Complementary

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



49.8050, 23.6437, 18.4971



60.8468, -18.7409, -13.7227

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.



49.8063, -12.7631, -34.5962



49.8050, 23.6437, 18.4971



49.8063, -30.0028, -3.0406

Square

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



49.8063, 23.6408, 18.4979



49.8063, -21.4948, 20.5445



49.8063, -24.4304, -20.9131



49.8063, 19.4700, -25.8974

Rectangle

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



49.8050, 23.6437, 18.4971



49.8063, -2.9125, 24.3292



49.8063, -24.4304, -20.9131



49.8063, -2.4074, -37.5184

Sweetspot

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



49.8063, 23.6408, 18.4979



88.7063, 5.1099, 12.1388



47.8122, 45.3704, -20.4216



40.3932, 3.0194, 6.0016

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8063, 23.6408, 18.4979



61.5975, 40.8745, 27.8096



62.9275, -1.4454, 28.7725



32.2590, 0.1942, 3.2261



29.3821, 40.7634, 18.8187



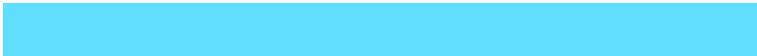
6.8848, 6.2586, 4.3520

Inverse Universe

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



60.8468, -18.7409, -13.7227



78.8884, -26.7122, -22.9611



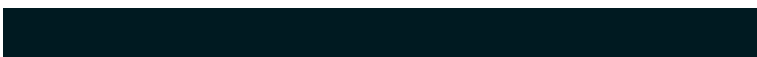
45.7510, 5.2358, -39.3957



33.2638, -3.5476, 0.3206



42.2926, -14.6490, -21.2390



9.2943, -3.7198, -3.5870

Previews

White Background



This preview shows how the HunterLab color 49.8050, 23.6437, 18.4971 looks on a white background.

Color Contrast Check

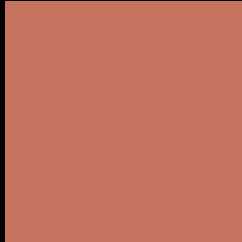
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8050, 23.6437, 18.4971 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 49.8050, 23.6437, 18.4971 Background



This preview shows how black text looks on a background with the HunterLab color 49.8050, 23.6437, 18.4971.



This preview shows how white text looks on a background with the HunterLab color 49.8050, 23.6437,

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

49.8050, 23.6437, 18.4971

Protanopia

50.0736, -4.1192, 15.5892

Deuteranopia

49.8803, 3.2990, 19.0291



Tritanopia

49.7300, 29.1369, 9.9682

Trichromacy



Original Color

49.8050, 23.6437, 18.4971

Protanomaly

49.6185, 5.5054, 16.2644

Deuteranomaly

49.6689, 10.7223, 18.7070

Tritanomaly

49.6048, 27.2240, 13.0676

Monochromacy



Original Color

49.8050, 23.6437, 18.4971

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.3458, 5.5322, 8.7690

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8050, 23.6437, 18.4971 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(196, 115, 94)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 94)  
}
```

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(196, 115, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8050, 23.6437, 18.4971 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(196, 115, 94) }
```


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

```
.border{ border-color:rgb(196, 115, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 115, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 94);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8050, 23.6437, 18.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 94) }
```

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

```
.background{ background-color: rgb(196,  
115, 94) }
```

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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