

Converting Colors

HunterLab(48.5997, 23.3175,
28.9819)

Have a look what the booklet for
HunterLab(48.5997, 23.3175,
28.9819) contains.

HunterLab(48.5745, 23.2063, 28.9967)	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(48.5745, 23.2063,
28.9967)**

Conversions

Conversions Part 1

Format	Color
Hex	C76F1C
RGB	199, 111, 28
RGB Percent	78%, 44%, 11%
CMY	0.2196, 0.5647, 0.8902
CMYK	0.00, 0.44, 0.86, 0.22
HSL	29°, 75%, 45%
HSV	29°, 86%, 78%
XYZ	29.4472, 23.5948, 4.1008
YIQ	127.8500, 79.0910, -7.1570

Conversions

Conversions Part 2

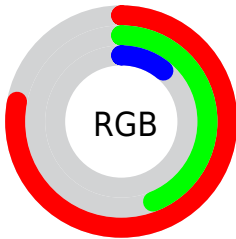
Format	Color
R_{YB}	199, 189, 28
Decimal	13070108
CIE Lab	55.68, 29.36, 56.55
CIE LCh	56, 63.714, 62.560
Yxy	23.5961, 0.5153, 0.4129
Android (android.graphics.Color)	4291260188 (0xFFC76F1C)
YUV	127.8500, -49.2260, 62.3986
Hunter-Lab	48.5745, 23.2063, 28.9967

Details

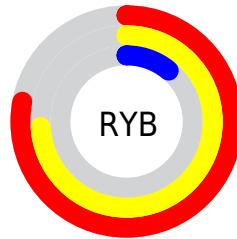
The HunterLab color **48.5745, 23.2063, 28.9967** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **41.0613, 2.1863, -52.6794**, and the grayscale version is **46.5683, -2.4848, 2.5301**.

A 20% lighter version of the original color is **69.3170, 22.4449, 36.4472**, and **29.8902, 21.5647, 18.7957** is the 20% darker color. If you saturate the color by 10%, you get **46.2836, 27.8709, 28.7096**, and if you desaturate by 10%, it is **51.0777, 18.7807, 28.5689**.

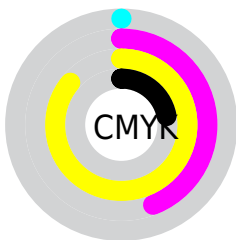
Distribution



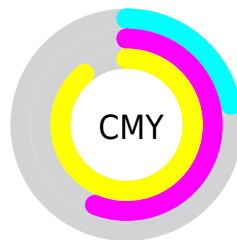
- Red (78%)
- Green (44%)
- Blue (11%)



- Red (78%)
- Yellow (74%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (86%)
- Black (22%)



- Cyan (22%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5745, 23.2063, 28.9967 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 48.5745, 23.2063, 28.9967 by changing the saturation by 10% instead.

48.5745, 23.2063,
28.9967

48.5745, 23.2063,
28.9967

164.5515, 28.0035,
61.3755

38.7740, 22.2183,
24.5713

70.2640, 24.8406,
37.1666

29.7379, 21.1057,
20.1233

82.0679, 25.5151,
40.9751

21.5388, 19.8524,
15.0772

94.4675, 26.1051,
44.6361

14.2729, 18.4558,
9.9911

107.4355, 26.6178,
48.1716

7.9305, 17.8246,
5.5514

120.9478, 27.0592,
51.5996

0.0000, INF, NaN

0.0000, NaN, NaN

134.9836, 27.4344,

54.9350

0.0000, NaN, NaN

149.5237, 27.7478,
58.1902

0.0000, NaN, NaN

48.5745, 23.2063,
28.9967

48.5745, 23.2063,
28.9967

46.2836, 27.8709,
28.7096

51.0777, 18.7807,
28.5689

45.4059, 29.7899,
28.5004

53.7779, 14.6664,
27.3998

56.6627, 10.8921,
25.5127

59.7178, 7.4687,
22.9527

62.9296, 4.3929,
19.7742

■ 66.2851, 1.6519,
16.0344

■ 69.7724, -0.7724,
11.7884

■ 73.3805, -2.9010,
7.0879

■ 77.0998, -4.7562,
1.9794

Harmonies

Analogous

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



48.5758, 48.2774, 22.1738



48.5745, 23.2063, 28.9967



48.5758, -4.8511, 30.4259

Triad

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



48.5758, 23.2031, 28.9972



48.5758, -43.7557, 0.4273



48.5758, 28.0025, -58.5665

Complementary

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



48.5745, 23.2063, 28.9967



41.0613, 2.1863, -52.6794

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.



48.5758, -0.2959, -75.0447



48.5745, 23.2063, 28.9967



48.5758, -38.5295, -31.3698

Square

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



48.5758, 23.2031, 28.9972



48.5758, -40.0669, 20.1045



48.5758, -23.9269, -63.0968



48.5758, 51.4401, -25.4353

Rectangle

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



48.5745, 23.2063, 28.9967



48.5758, -20.6482, 29.4934



48.5758, -23.9269, -63.0968



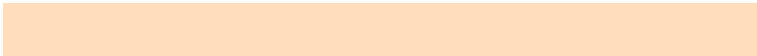
48.5758, 18.5542, -66.8513

Sweetspot

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



48.5758, 23.2031, 28.9972



87.5054, 2.3410, 21.4566



37.7383, 62.3341, -1.7821



39.7538, 1.6532, 10.7635

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.5758, 23.2031, 28.9972



59.6825, 40.3714, 37.4829



71.9536, -17.9154, 43.1184



33.8711, -1.0322, 4.1139



36.6486, 23.3260, 22.9911



8.8367, 3.1745, 5.5007

Inverse Universe

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



41.0613, 2.1863, -52.6794



48.4892, 11.5776, -85.5999



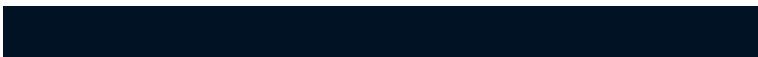
23.1143, 46.6121, -123.5383



33.4290, -2.4318, -0.5807



29.9821, 5.8623, -50.1300



7.5517, -0.5404, -8.2725

Previews

White Background



This preview shows how the HunterLab color 48.5745, 23.2063, 28.9967 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 48.5745, 23.2063, 28.9967 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 48.5745, 23.2063, 28.9967 Background



This preview shows how black text looks on a background with the HunterLab color 48.5745, 23.2063, 28.9967.



This preview shows how white text looks on a background with the HunterLab color 48.5745, 23.2063,

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

48.5745, 23.2063, 28.9967

Protanopia

48.6310, -6.5867, 28.0058

Deuteranopia

48.6389, 3.1825, 29.3292



Tritanopia

48.7287, 33.5870, 12.3160

Trichromacy



Original Color

48.5745, 23.2063, 28.9967

Protanomaly

48.3227, 3.6091, 28.1628

Deuteranomaly

48.4107, 10.4279, 29.0834

Tritanomaly

48.6477, 28.9797, 20.9963

Monochromacy



Original Color

48.5745, 23.2063, 28.9967

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.4347, 4.1467, 15.7571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5745, 23.2063, 28.9967 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(199, 111, 28)` looks like.

```
.text, #text, p{  
    color:rgb(199, 111, 28)  
}
```

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(199, 111, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 111, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5745, 23.2063, 28.9967 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(199, 111, 28) }
```


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

```
.border{ border-color:rgb(199, 111, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 111, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 111, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 111, 28);  
box-shadow:4px 4px 4px 4px rgb(199, 111,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5745, 23.2063, 28.9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 111, 28) }
```

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

```
.background{ background-color: rgb(199,  
111, 28) }
```

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