

Converting Colors

HunterLab(46.8265, 32.1681,
31.3365)

Have a look what the booklet for
HunterLab(46.8265, 32.1681,
31.3365) contains.

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Color

**HunterLab(47.0588, 32.8829,
29.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	D06200
RGB	208, 98, 0
RGB Percent	82%, 38%, 0%
CMY	0.1843, 0.6157, 1.0000
CMYK	0.00, 0.53, 1.00, 0.18
HSL	28°, 100%, 41%
HSV	28°, 100%, 82%
XYZ	30.3802, 22.1453, 2.6732
YIQ	119.7180, 97.0180, -7.1580

Conversions

Conversions Part 2

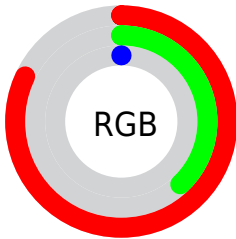
Format	Color
RYB	208, 185, 0
Decimal	13656576
CIELab	54.18, 39.36, 62.87
CIElCh	54, 74.175, 57.954
Yxy	22.1465, 0.5504, 0.4012
Android (android.graphics.Color)	4291846656 (0xFFD06200)
YUV	119.7180, -59.0210, 77.4233
Hunter-Lab	47.0588, 32.8829, 29.5731

Details

The HunterLab color **47.0588, 32.8829, 29.5731** 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 **39.6300, 7.0418, -64.7348**, and the grayscale version is **43.4255, -2.3171, 2.3594**.

A 20% lighter version of the original color is **66.1539, 27.8642, 36.9043**, and **28.5377, 30.5628, 18.1199** is the 20% darker color. If you saturate the color by 10%, you get **47.0596, 32.8805, 29.5735**, and if you desaturate by 10%, it is **49.3983, 27.7938, 30.0854**.

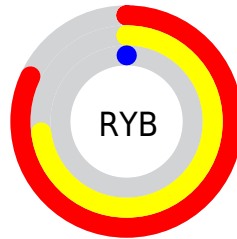
Distribution



Red (82%)

Green (38%)

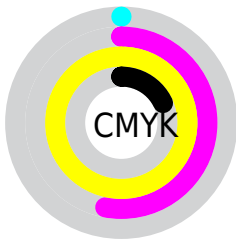
Blue (0%)



Red (82%)

Yellow (73%)

Blue (0%)

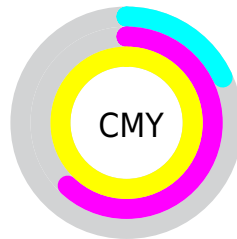


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0588, 32.8829, 29.5731 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 47.0588, 32.8829, 29.5731 by changing the saturation by 10% instead.

47.0588, 32.8829,
29.5731

47.0588, 32.8829,
29.5731

162.2685, 41.1468,
65.3251

37.3693, 31.4609,
24.6828

68.5478, 35.3610,
38.6318

28.4536, 29.9166,
19.9175

80.2599, 36.4417,
42.8523

20.3874, 28.2547,
14.2712

92.5720, 37.4267,
46.9036

13.2721, 26.5329,
9.2904

105.4564, 38.3235,
50.8092

6.8043, 28.3267,
4.7630

118.8886, 39.1385,
54.5888

0.0000, INF, NaN

0.0000, NaN, NaN

132.8471, 39.8775,

58.2590

0.0000, NaN, NaN

147.3128, 40.5454,
61.8338

0.0000, NaN, NaN

47.0588, 32.8829,
29.5731

47.0588, 32.8829,
29.5731

47.0596, 32.8805,
29.5735

49.3983, 27.7938,
30.0854

51.9698, 22.8796,
29.9671

54.7688, 18.2576,
29.0709

57.7798, 13.9786,
27.4082

60.9864, 10.0658,
25.0221

■ 64.3723, 6.5227,
21.9700

■ 67.9222, 3.3400,
18.3142

■ 71.6219, 0.5004,
14.1158

■ 75.4587, -2.0178,
9.4317

Harmonies

Analogous

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



47.0601, 61.4127, 21.9464



47.0588, 32.8829, 29.5731



47.0601, -0.3985, 31.1758

Triad

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



47.0601, 32.8792, 29.5736



47.0601, -47.9996, 4.5127



47.0601, 28.3033, -78.3343

Complementary

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



47.0588, 32.8829, 29.5731



39.6300, 7.0418, -64.7348

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.



47.0601, -4.5919, -94.4608



47.0588, 32.8829, 29.5731



47.0601, -43.9670, -31.8745

Square

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



47.0601, 32.8792, 29.5736



47.0601, -42.6658, 23.6092



47.0601, -29.7977, -73.6622



47.0601, 58.3318, -37.7698

Rectangle

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



47.0588, 32.8829, 29.5731



47.0601, -19.2839, 30.7414



47.0601, -29.7977, -73.6622



47.0601, 16.9936, -87.6052

Sweetspot

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



47.0601, 32.8792, 29.5736



85.3604, 4.3405, 23.2360



38.1526, 68.3411, 1.3640



38.5997, 2.7770, 11.6943

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0601, 32.8792, 29.5736



58.9314, 42.1824, 37.0517



74.3061, -17.3369, 45.4835



35.6562, -1.0156, 4.3074



37.4072, 25.3448, 23.4939



9.6989, 4.0663, 6.0476

Inverse Universe

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



39.6300, 7.0418, -64.7348



49.5036, 9.6184, -82.6385



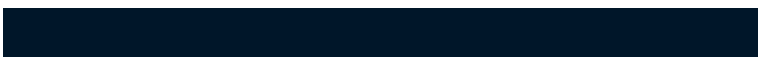
21.6903, 56.3558, -148.7660



35.2672, -2.6326, -0.5794



31.5963, 4.9761, -50.2346



8.4643, -0.5645, -9.3610

Previews

White Background



This preview shows how the HunterLab color 47.0588, 32.8829, 29.5731 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 47.0588, 32.8829, 29.5731 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 47.0588, 32.8829, 29.5731 Background



This preview shows how black text looks on a background with the HunterLab color 47.0588, 32.8829, 29.5731.



This preview shows how white text looks on a background with the HunterLab color 47.0588, 32.8829,

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

47.0588, 32.8829, 29.5731

Protanopia

47.4159, -6.6835, 28.3301

Deuteranopia

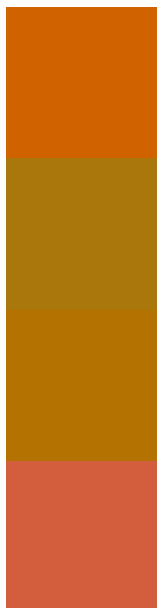
47.2312, 2.4455, 29.1464



Tritanopia

47.1106, 41.6928, 15.5262

Trichromacy



Original Color

47.0588, 32.8829, 29.5731

Protanomaly

46.5352, 6.8844, 28.3521

Deuteranomaly

46.8666, 13.0220, 29.1069

Tritanomaly

46.9626, 37.3558, 23.8384

Monochromacy



Original Color

47.0588, 32.8829, 29.5731

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.3423, 6.7145, 17.4716

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0588, 32.8829, 29.5731 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(208, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 0)  
}
```

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(208, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0588, 32.8829, 29.5731 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(208, 98, 0) }
```


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

```
.border{ border-color:rgb(208, 98, 0) }
```

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

Here you see how a box with a 4 pixel rgb(208, 98, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(208, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.0588, 32.8829, 29.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 0) }
```

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

```
.background{ background-color: rgb(208, 98,  
0) }
```

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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