

Converting Colors

HunterLab(47.8864, 26.9957,
32.9326)

Have a look what the booklet for
HunterLab(47.8864, 26.9957,
32.9326) contains.

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Color

**HunterLab(48.0440, 28.2318,
30.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6900
RGB	205, 105, 0
RGB Percent	80%, 41%, 0%
CMY	0.1961, 0.5882, 1.0000
CMYK	0.00, 0.49, 1.00, 0.20
HSL	31°, 100%, 40%
HSV	31°, 100%, 80%
XYZ	30.2284, 23.0823, 2.8621
YIQ	122.9300, 93.3050, -11.4550

Conversions

Conversions Part 2

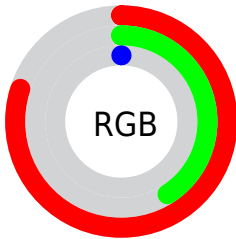
Format	Color
R_{YB}	195, 205, 0
Decimal	13461760
CIE Lab	55.16, 34.58, 63.22
CIE LCh	55, 72.057, 61.322
Yxy	23.0835, 0.5381, 0.4109
Android (android.graphics.Color)	4291651840 (0xFFCD6900)
YUV	122.9300, -60.6045, 71.9754
Hunter-Lab	48.0440, 28.2318, 30.0988

Details

The HunterLab color **48.0440, 28.2318, 30.0988** 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 **36.7716, 11.2614, -70.2709**, and the grayscale version is **44.6820, -2.3841, 2.4277**.

A 20% lighter version of the original color is **67.6429, 24.7860, 37.7317**, and **29.4307, 26.5406, 18.5997** is the 20% darker color. If you saturate the color by 10%, you get **48.0448, 28.2293, 30.0992**, and if you desaturate by 10%, it is **50.2933, 23.5687, 30.5949**.

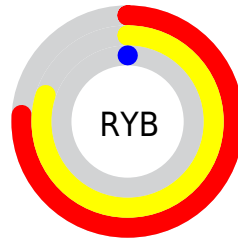
Distribution



Red (80%)

Green (41%)

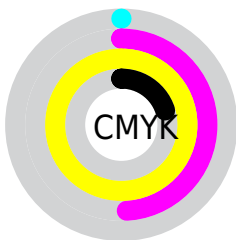
Blue (0%)



Red (76%)

Yellow (80%)

Blue (0%)

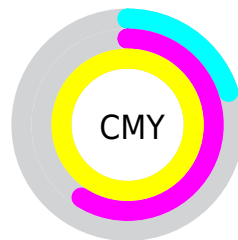


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0440, 28.2318, 30.0988 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 48.0440, 28.2318, 30.0988 by changing the saturation by 10% instead.

48.0440, 28.2318,
30.0988

48.0440, 28.2318,
30.0988

163.7540, 34.8432,
65.8975

38.2821, 27.0136,
25.2102

69.6638, 30.3101,
39.1583

29.2878, 25.6692,
20.5015

81.4357, 31.1975,
43.3821

21.1348, 24.1910,
14.7944

93.8049, 31.9942,
47.4384

13.9211, 22.6000,
9.7448

106.7438, 32.7076,
51.3500

7.5568, 22.5153,
5.2898

120.2282, 33.3440,
55.1366

0.0000, INF, NaN

0.0000, NaN, NaN

134.2371, 33.9090,

58.8145

0.0000, NaN, NaN

148.7513, 34.4073,
62.3976

0.0000, NaN, NaN

48.0440, 28.2318,
30.0988

48.0440, 28.2318,
30.0988

48.0448, 28.2293,
30.0992

50.2933, 23.5687,
30.5949

52.7331, 19.1207,
30.4695

55.3631, 14.9843,
29.5722

58.1725, 11.1966,
27.9048

61.1493, 7.7729,
25.5004

■ 64.2812, 4.7131,
22.4072

■ 67.5563, 2.0072,
18.6802

■ 70.9637, -0.3616,
14.3753

■ 74.4929, -2.4132,
9.5465

Harmonies

Analogous

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



48.0453, 57.0191, 23.2337



48.0440, 28.2318, 30.0988



48.0453, -3.8843, 31.4495

Triad

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



48.0453, 28.2283, 30.0993



48.0453, -47.5672, 1.3373



48.0453, 31.0947, -71.4114

Complementary

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



48.0440, 28.2318, 30.0988



36.7716, 11.2614, -70.2709

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.



48.0453, -1.2336, -90.3800



48.0440, 28.2318, 30.0988



48.0453, -42.4527, -35.3513

Square

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



48.0453, 28.2283, 30.0993



48.0453, -43.2937, 22.1439



48.0453, -27.1442, -74.2803



48.0453, 58.9385, -31.6971

Rectangle

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



48.0440, 28.2318, 30.0988



48.0453, -21.7217, 30.7508



48.0453, -27.1442, -74.2803



48.0453, 20.1582, -81.2283

Sweetspot

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



48.0453, 28.2283, 30.0993



86.2983, 2.6936, 24.1050



37.3476, 66.5534, 4.0151



39.0889, 1.9086, 12.1324

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.0453, 28.2283, 30.0993



61.1470, 36.9229, 38.3249



75.2604, -20.2143, 46.0211



34.8539, -1.1792, 4.3100



38.1593, 21.6973, 23.8934



9.5020, 3.1263, 5.9098

Inverse Universe

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



36.7716, 11.2614, -70.2709



46.6174, 15.3170, -91.3327



20.9949, 56.9469, -149.1731



34.2524, -2.3779, -0.6944



29.3369, 8.2353, -54.4463



7.7188, -0.0716, -9.4932

Previews

White Background



This preview shows how the HunterLab color 48.0440, 28.2318, 30.0988 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 48.0440, 28.2318, 30.0988 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 48.0440, 28.2318, 30.0988 Background



This preview shows how black text looks on a background with the HunterLab color 48.0440, 28.2318, 30.0988.



This preview shows how white text looks on a background with the HunterLab color 48.0440, 28.2318,

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

48.0440, 28.2318, 30.0988

Protanopia

48.2729, -6.5504, 28.9280

Deuteranopia

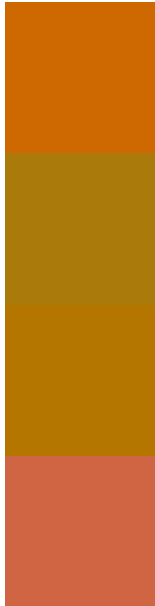
48.2147, 3.0305, 29.7627



Tritanopia

48.1090, 37.8003, 14.1658

Trichromacy



Original Color

48.0440, 28.2318, 30.0988

Protanomaly

47.6824, 5.3555, 29.0818

Deuteranomaly

47.7291, 11.9696, 29.6200

Tritanomaly

47.9230, 32.9765, 23.7304

Monochromacy



Original Color

48.0440, 28.2318, 30.0988

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.5120, 5.3446, 17.9209

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0440, 28.2318, 30.0988 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(205, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 105, 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(205, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 105, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0440, 28.2318, 30.0988 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(205, 105, 0) }
```


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

```
.border{ border-color:rgb(205, 105, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 105, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 105,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0440, 28.2318, 30.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 105, 0) }
```

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

```
.background{ background-color: rgb(205,  
105, 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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