

Converting Colors

HunterLab(47.1234, 29.6046,
29.5555)

Have a look what the booklet for
HunterLab(47.1234, 29.6046,
29.5555) contains.

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Color

**HunterLab(47.0582, 29.7575,
29.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6500
RGB	204, 101, 0
RGB Percent	80%, 40%, 0%
CMY	0.2000, 0.6039, 1.0000
CMYK	0.00, 0.50, 1.00, 0.20
HSL	30°, 100%, 40%
HSV	30°, 100%, 80%
XYZ	29.5555, 22.1447, 2.7166
YIQ	120.2830, 93.8090, -9.5750

Conversions

Conversions Part 2

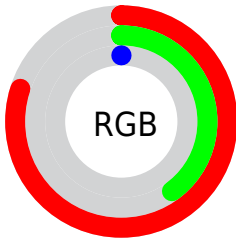
Format	Color
R_{YB}	204, 200, 0
Decimal	13395200
CIE _{Lab}	54.18, 36.24, 62.56
CIE _{LCh}	54, 72.297, 59.918
Yxy	22.1460, 0.5431, 0.4070
Android (android.graphics.Color)	4291585280 (0xFFCC6500)
YUV	120.2830, -59.2995, 73.4198
Hunter-Lab	47.0582, 29.7575, 29.5180

Details

The HunterLab color **47.0582, 29.7575, 29.5180** 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 **37.4964, 9.3544, -67.0603**, and the grayscale version is **43.6467, -2.3289, 2.3714**.

A 20% lighter version of the original color is **66.6514, 26.8677, 37.0920**, and **28.4929, 27.4389, 18.0375** is the 20% darker color. If you saturate the color by 10%, you get **47.0589, 29.7553, 29.5184**, and if you desaturate by 10%, it is **49.3205, 24.9774, 30.0097**.

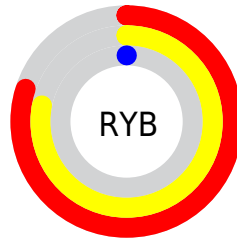
Distribution



Red (80%)

Green (40%)

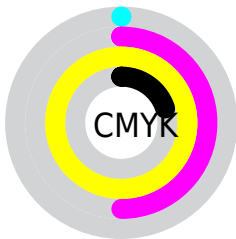
Blue (0%)



Red (80%)

Yellow (78%)

Blue (0%)

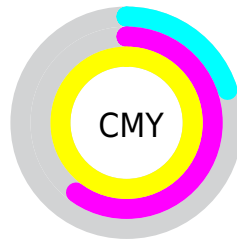


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0582, 29.7575, 29.5180 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 47.0582, 29.7575, 29.5180 by changing the saturation by 10% instead.

47.0582, 29.7575,
29.5180

47.0582, 29.7575,
29.5180

162.2675, 36.9963,
65.1117

37.3687, 28.4591,
24.6477

68.5472, 31.9907,
38.5362

28.4531, 27.0347,
19.9171

80.2591, 32.9520,
42.7375

20.3870, 25.4814,
14.2709

92.5713, 33.8204,
46.7705

13.2716, 23.8356,
9.2902

105.4556, 34.6031,
50.6586

6.8038, 25.4214,
4.7627

118.8877, 35.3068,
54.4214


0.0000, INF, NaN

0.0000, NaN, NaN


132.8462, 35.9370,


58.0756


0.0000, NaN, NaN


 147.3119, 36.4987,
61.6351


0.0000, NaN, NaN


 47.0582, 29.7575,
29.5180


 47.0582, 29.7575,
29.5180

 47.0589, 29.7553,
29.5184

 49.3205, 24.9774,
30.0097

 51.7866, 20.3953,
29.8862

 54.4548, 16.1147,
28.9984

 57.3128, 12.1768,
27.3522

 60.3467, 8.5994,
24.9843

■ 63.5432, 5.3836,
21.9462

■ 66.8890, 2.5195,
18.2949

■ 70.3722, -0.0096,
14.0880

■ 73.9816, -2.2243,
9.3797

Harmonies

Analogous

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



47.0595, 58.0893, 22.4316



47.0582, 29.7575, 29.5180



47.0595, -2.4313, 30.9603

Triad

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



47.0595, 29.7540, 29.5185



47.0595, -47.1663, 2.6397



47.0595, 29.5756, -73.2975

Complementary

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



47.0582, 29.7575, 29.5180



37.4964, 9.3544, -67.0603

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.



47.0595, -2.5956, -90.9078



47.0582, 29.7575, 29.5180



47.0595, -42.5611, -33.4953

Square

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



47.0595, 29.7540, 29.5185



47.0595, -42.5095, 22.4981



47.0595, -27.9065, -73.1175



47.0595, 57.9696, -33.7236

Rectangle

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



47.0582, 29.7575, 29.5180



47.0595, -20.4701, 30.3843



47.0595, -27.9065, -73.1175



47.0595, 18.6186, -82.7800

Sweetspot

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



47.0595, 29.7540, 29.5185



85.9066, 3.3792, 23.7429



37.2366, 66.5291, 2.6568



38.8845, 2.2701, 11.9498

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0595, 29.7540, 29.5185



60.2055, 39.1276, 37.7834



73.7727, -18.5386, 45.1337



34.8077, -1.1014, 4.2601



37.5826, 23.0268, 23.5614



9.3835, 3.3704, 5.8411

Inverse Universe

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



37.4964, 9.3544, -67.0603



47.8052, 12.9246, -87.6529



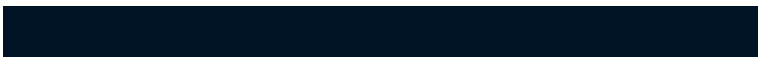
21.0560, 55.8609, -146.9048



34.2993, -2.4551, -0.6371



30.0595, 6.8130, -52.2792



7.8608, -0.3117, -9.1525

Previews

White Background



This preview shows how the HunterLab color 47.0582, 29.7575, 29.5180 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 47.0582, 29.7575, 29.5180 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 47.0582, 29.7575, 29.5180 Background



This preview shows how black text looks on a background with the HunterLab color 47.0582, 29.7575, 29.5180.



This preview shows how white text looks on a background with the HunterLab color 47.0582, 29.7575,

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

47.0582, 29.7575, 29.5180

Protanopia

47.4124, -6.7031, 28.3823

Deuteranopia

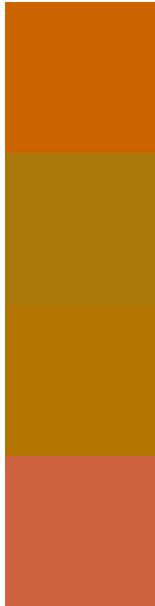
47.2312, 2.4455, 29.1464



Tritanopia

47.1072, 38.9506, 14.5345

Trichromacy



Original Color

47.0582, 29.7575, 29.5180

Protanomaly

46.6711, 6.0065, 28.4615

Deuteranomaly

46.9835, 12.1352, 29.1635

Tritanomaly

46.9482, 34.3878, 23.4057

Monochromacy



Original Color

47.0582, 29.7575, 29.5180

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.4872, 5.8761, 17.5773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0582, 29.7575, 29.5180 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(204, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 101, 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(204, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 101, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0582, 29.7575, 29.5180 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(204, 101, 0) }
```


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

```
.border{ border-color:rgb(204, 101, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 101, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 101,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0582, 29.7575, 29.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 101, 0) }
```

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

```
.background{ background-color: rgb(204,  
101, 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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