

Converting Colors

HunterLab(46.3083, 29.6793,
32.4158)

Have a look what the booklet for
HunterLab(46.3083, 29.6793,
32.4158) contains.

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Color

**HunterLab(46.6487, 30.7239,
29.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6300
RGB	204, 99, 0
RGB Percent	80%, 39%, 0%
CMY	0.2000, 0.6117, 1.0000
CMYK	0.00, 0.51, 1.00, 0.20
HSL	29°, 100%, 40%
HSV	29°, 100%, 80%
XYZ	29.3636, 21.7610, 2.6527
YIQ	119.1090, 94.3590, -8.5290

Conversions

Conversions Part 2

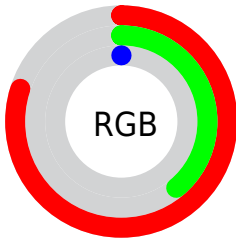
Format	Color
R_YB	204, 192, 0
Decimal	13394688
CIE Lab	53.77, 37.26, 62.32
CIE LCh	54, 72.608, 59.124
Yxy	21.7622, 0.5460, 0.4047
Android (android.graphics.Color)	4291584768 (0xFFCC6300)
YUV	119.1090, -58.7207, 74.4494
Hunter-Lab	46.6487, 30.7239, 29.2826

Details

The HunterLab color **46.6487, 30.7239, 29.2826** 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 **38.0293, 8.3158, -65.4841**, and the grayscale version is **43.1887, -2.3044, 2.3465**.

A 20% lighter version of the original color is **66.1539, 27.8642, 36.9043**, and **28.1911, 28.2528, 17.8659** is the 20% darker color. If you saturate the color by 10%, you get **46.6494, 30.7216, 29.2830**, and if you desaturate by 10%, it is **48.9232, 25.8640, 29.7739**.

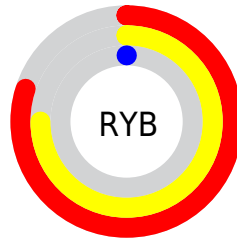
Distribution



Red (80%)

Green (39%)

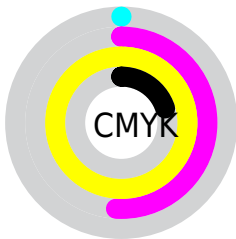
Blue (0%)



Red (80%)

Yellow (75%)

Blue (0%)

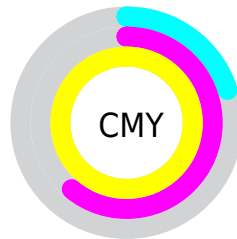


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6487, 30.7239, 29.2826 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 46.6487, 30.7239, 29.2826 by changing the saturation by 10% instead.

46.6487, 30.7239,
29.2826

46.6487, 30.7239,
29.2826

161.6484, 38.3328,
64.8078

36.9896, 29.3792,
24.4186

68.0828, 33.0474,
38.2880

28.1070, 27.9094,
19.6749

79.7697, 34.0522,
42.4820

20.0775, 26.3146,
14.0542

92.0579, 34.9628,
46.5073

13.0036, 24.6409,
9.1025

104.9194, 35.7865,
50.3874

6.4636, 27.2829,
4.5245

118.3296, 36.5301,
54.1421

0.0000, INF, NaN

0.0000, NaN, NaN


132.2670, 37.1991,


57.7882


0.0000, NaN, NaN


 146.7124, 37.7985,
61.3395


0.0000, NaN, NaN


 46.6487, 30.7239,
29.2826

 46.6487, 30.7239,
29.2826

 46.6494, 30.7216,
29.2830

 48.9232, 25.8640,
29.7739

 51.4104, 21.1918,
29.6510

 54.1077, 16.8152,
28.7658

 57.0014, 12.7786,
27.1263

 60.0771, 9.1014,
24.7716

■ 63.3202, 5.7855,
21.7551

■ 66.7169, 2.8213,
18.1352

■ 70.2546, 0.1921,
13.9703

■ 73.9214, -2.1231,
9.3153

Harmonies

Analogous

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



46.6500, 58.8871, 22.0464



46.6487, 30.7239, 29.2826



46.6500, -1.6122, 30.7776

Triad

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



46.6500, 30.7204, 29.2831



46.6500, -47.0853, 3.3651



46.6500, 28.8144, -74.6259

Complementary

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



46.6487, 30.7239, 29.2826



38.0293, 8.3158, -65.4841

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.



46.6500, -3.3645, -91.5075



46.6487, 30.7239, 29.2826



46.6500, -42.7486, -32.5603

Square

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



46.6500, 30.7204, 29.2831



46.6500, -42.2005, 22.7502



46.6500, -28.4145, -72.6936



46.6500, 57.6064, -35.0065

Rectangle

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



46.6487, 30.7239, 29.2826



46.6500, -19.8254, 30.2647



46.6500, -28.4145, -72.6936



46.6500, 17.8130, -83.9449

Sweetspot

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



46.6500, 30.7204, 29.2831



85.6826, 3.7726, 23.5353



37.2365, 66.5291, 2.6569



38.7677, 2.4775, 11.8451

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.6500, 30.7204, 29.2831



59.6776, 40.3832, 37.4800



73.7726, -18.5385, 45.1336



34.7812, -1.0568, 4.2315



37.2587, 23.7848, 23.3751



9.3163, 3.5103, 5.8021

Inverse Universe

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



38.0293, 8.3158, -65.4841



48.4957, 11.5648, -85.5805



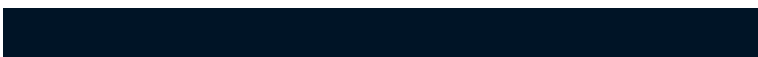
21.0560, 55.8609, -146.9049



34.3263, -2.4994, -0.6042



30.4791, 6.0046, -51.0584



7.9428, -0.4484, -8.9599

Previews

White Background



This preview shows how the HunterLab color 46.6487, 30.7239, 29.2826 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 46.6487, 30.7239, 29.2826 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 46.6487, 30.7239, 29.2826 Background



This preview shows how black text looks on a background with the HunterLab color 46.6487, 30.7239, 29.2826.



This preview shows how white text looks on a background with the HunterLab color 46.6487, 30.7239, 29.2826.

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

46.6487, 30.7239, 29.2826

Protanopia

46.7495, -6.1594, 27.9732

Deuteranopia

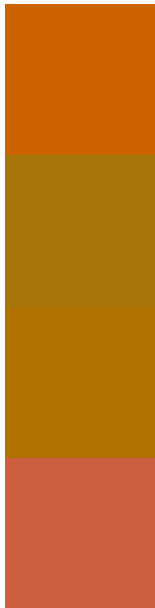
46.8534, 2.5343, 28.9152



Tritanopia

46.6921, 39.7194, 14.7938

Trichromacy



Original Color

46.6487, 30.7239, 29.2826

Protanomaly

46.0397, 6.5689, 28.0767

Deuteranomaly

46.3677, 12.7015, 28.7939

Tritanomaly

46.5339, 35.2362, 23.4841

Monochromacy



Original Color

46.6487, 30.7239, 29.2826

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

43.1210, 5.9889, 17.2745

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6487, 30.7239, 29.2826 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, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 99, 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, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 99, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6487, 30.7239, 29.2826 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, 99, 0) }
```


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

```
.border{ border-color:rgb(204, 99, 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, 99, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.6487, 30.7239, 29.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 99, 0) }
```

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

```
.background{ background-color: rgb(204, 99,  
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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