

Converting Colors

HunterLab(47.2717, 29.2631,
29.6393)

Have a look what the booklet for
HunterLab(47.2717, 29.2631,
29.6393) contains.

HunterLab(47.2653, 29.2726, 29.6371)	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(47.2653, 29.2726,
29.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6600
RGB	204, 102, 0
RGB Percent	80%, 40%, 0%
CMY	0.2000, 0.6000, 1.0000
CMYK	0.00, 0.50, 1.00, 0.20
HSL	30°, 100%, 40%
HSV	30°, 100%, 80%
XYZ	29.6532, 22.3401, 2.7492
YIQ	120.8700, 93.5340, -10.0980

Conversions

Conversions Part 2

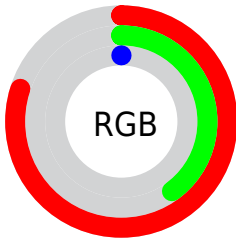
Format	Color
RYB	204, 204, 0
Decimal	13395456
CIELab	54.39, 35.72, 62.68
CIELCh	54, 72.146, 60.320
Yxy	22.3413, 0.5417, 0.4081
Android (android.graphics.Color)	4291585536 (0xFFCC6600)
YUV	120.8700, -59.5889, 72.9050
Hunter-Lab	47.2653, 29.2726, 29.6371

Details

The HunterLab color **47.2653, 29.2726, 29.6371** 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 **37.2320, 9.8760, -67.8554**, and the grayscale version is **43.8760, -2.3411, 2.3839**.

A 20% lighter version of the original color is **66.8976, 26.3474, 37.2509**, and **28.8021, 27.4096, 18.2276** is the 20% darker color. If you saturate the color by 10%, you get **47.2659, 29.2706, 29.6375**, and if you desaturate by 10%, it is **49.5208, 24.5333, 30.1287**.

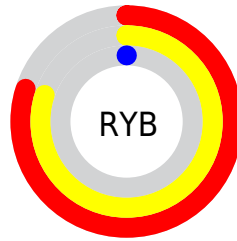
Distribution



Red (80%)

Green (40%)

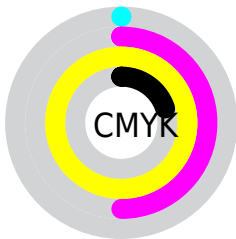
Blue (0%)



Red (80%)

Yellow (80%)

Blue (0%)

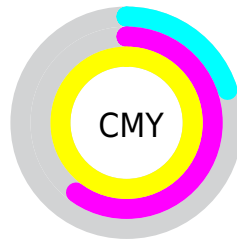


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2653, 29.2726, 29.6371 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 47.2653, 29.2726, 29.6371 by changing the saturation by 10% instead.

47.2653, 29.2726,
29.6371

47.2653, 29.2726,
29.6371

162.5803, 36.3246,
65.2656

37.5605, 27.9976,
24.7640

68.7819, 31.4601,
38.6619

28.6282, 26.5966,
20.0398

80.5065, 32.3995,
42.8669

20.5438, 25.0648,
14.3806

92.8307, 33.2465,
46.9038

13.4076, 23.4343,
9.3853

105.7265, 34.0086,
50.7959

6.9692, 24.5777,
4.8785

119.1697, 34.6921,
54.5629

0.0000, INF, NaN

0.0000, NaN, NaN

133.1388, 35.3028,

58.2212

0.0000, NaN, NaN

147.6147, 35.8456,
61.7849

0.0000, NaN, NaN

47.2653, 29.2726,
29.6371

47.2653, 29.2726,
29.6371

47.2659, 29.2706,
29.6375

49.5208, 24.5333,
30.1287

51.9759, 19.9969,
30.0045

54.6293, 15.7644,
29.1151

57.4690, 11.8761,
27.4653

60.4819, 8.3486,
25.0906

■ 63.6549, 5.1828,
22.0416

■ 66.9752, 2.3686,
18.3747

■ 70.4311, -0.1105,
14.1467

■ 74.0117, -2.2749,
9.4118

Harmonies

Analogous

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



47.2666, 57.6896, 22.6256



47.2653, 29.2726, 29.6371



47.2666, -2.8434, 31.0518

Triad

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



47.2666, 29.2691, 29.6376



47.2666, -47.2067, 2.2682



47.2666, 29.9613, -72.6359

Complementary

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



47.2653, 29.2726, 29.6371



37.2320, 9.8760, -67.8554

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.



47.2666, -2.2049, -90.6097



47.2653, 29.2726, 29.6371



47.2666, -42.4646, -33.9699

Square

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



47.2666, 29.2691, 29.6376



47.2666, -42.6659, 22.3658



47.2666, -27.6473, -73.3328



47.2666, 58.1539, -33.0848

Rectangle

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



47.2653, 29.2726, 29.6371



47.2666, -20.7953, 30.4427



47.2666, -27.6473, -73.3328



47.2666, 19.0272, -82.1999

Sweetspot

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



47.2666, 29.2691, 29.6376



86.0187, 3.1827, 23.8466



37.1440, 66.1920, 3.9805



38.9429, 2.1664, 12.0021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2666, 29.2691, 29.6376



60.4727, 38.4977, 37.9369



74.8482, -20.1036, 45.7690



34.8209, -1.1237, 4.2744



37.7463, 22.6467, 23.6556



9.4173, 3.3005, 5.8607

Inverse Universe

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



37.2320, 9.8760, -67.8554



47.4626, 13.6075, -88.6989



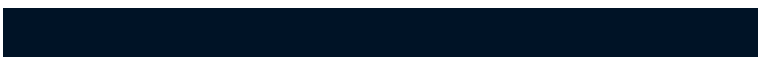
20.8801, 56.6346, -148.3549



34.2859, -2.4330, -0.6535



29.8512, 7.2190, -52.8952



7.8200, -0.2431, -9.2495

Previews

White Background



This preview shows how the HunterLab color 47.2653, 29.2726, 29.6371 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 47.2653, 29.2726, 29.6371 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 47.2653, 29.2726, 29.6371 Background



This preview shows how black text looks on a background with the HunterLab color 47.2653, 29.2726, 29.6371.



This preview shows how white text looks on a background with the HunterLab color 47.2653, 29.2726,

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

47.2653, 29.2726, 29.6371

Protanopia

47.4124, -6.7031, 28.3823

Deuteranopia

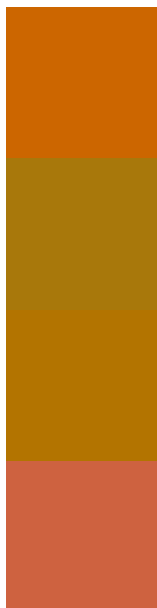
47.3441, 2.8261, 29.2227



Tritanopia

47.3174, 38.5648, 14.4048

Trichromacy



Original Color

47.2653, 29.2726, 29.6371

Protanomaly

46.6711, 6.0065, 28.4615

Deuteranomaly

46.9835, 12.1352, 29.1635

Tritanomaly

47.1459, 33.9054, 23.5447

Monochromacy



Original Color

47.2653, 29.2726, 29.6371

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.7604, 5.4867, 17.5482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2653, 29.2726, 29.6371 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, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 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, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2653, 29.2726, 29.6371 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, 102, 0) }
```


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

```
.border{ border-color:rgb(204, 102, 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, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2653, 29.2726, 29.6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 0) }
```

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

```
.background{ background-color: rgb(204,  
102, 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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