

Converting Colors

HunterLab(47.5347, 23.4176,
29.7006)

Have a look what the booklet for
HunterLab(47.5347, 23.4176,
29.7006) contains.

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Color

**HunterLab(47.5347, 23.4176,
29.7006)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C56C00 |
| RGB | 197, 108, 0 |
| RGB Percent | 77%, 42%, 0% |
| CMY | 0.2275, 0.5764, 1.0000 |
| CMYK | 0.00, 0.45, 1.00, 0.23 |
| HSL | 33°, 100%, 39% |
| HSV | 33°, 100%, 77% |
| XYZ | 28.3886, 22.5955, 2.8651 |
| YIQ | 122.2990, 87.7120, -14.7200 |

Conversions

Conversions Part 2

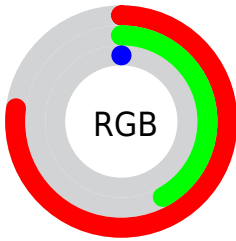
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 162, 197, 0 |
| Decimal | 12938240 |
| CIELab | 54.65, 29.68, 62.33 |
| CIElCh | 55, 69.034, 64.536 |
| Yxy | 22.5967, 0.5272, 0.4196 |
| Android (android.graphics.Color) | 4291128320 (0xFFC56C00) |
| YUV | 122.2990, -60.2934, 65.5128 |
| Hunter-Lab | 47.5347, 23.4176, 29.7006 |

Details

The HunterLab color **47.5347, 23.4176, 29.7006** 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 **33.4306, 14.3820, -72.8312**, and the grayscale version is **44.4365, -2.3710, 2.4143**.

A 20% lighter version of the original color is **68.3983, 23.2238, 38.2182**, and **28.9174, 21.7225, 18.1991** is the 20% darker color. If you saturate the color by 10%, you get **47.5352, 23.4159, 29.7009**, and if you desaturate by 10%, it is **49.6189, 19.2900, 30.1381**.

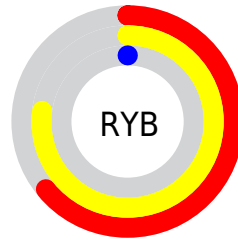
Distribution



Red (77%)

Green (42%)

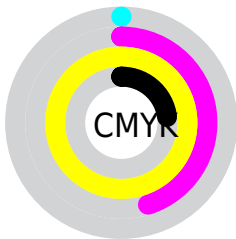
Blue (0%)



Red (64%)

Yellow (77%)

Blue (0%)

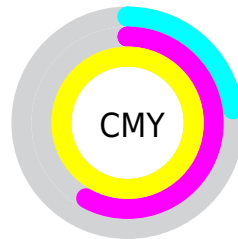


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5347, 23.4176, 29.7006 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 47.5347, 23.4176, 29.7006 by changing the saturation by 10% instead.

47.5347, 23.4176,
29.7006

47.5347, 23.4176,
29.7006

162.9867, 28.3979,
65.1164

37.8100, 22.4029,
24.8575

69.0871, 25.1005,
38.6678

28.8562, 21.2620,
20.1994

80.8281, 25.7971,
42.8465

20.7480, 19.9796,
14.5236

93.1679, 26.4082,
46.8587

13.5848, 18.5568,
9.5094

106.0787, 26.9408,
50.7276

7.1783, 19.0680,
5.0248

119.5362, 27.4011,
54.4726

0.0000, INF, NaN

0.0000, NaN, NaN

133.5191, 27.7945,

58.1103

0.0000, NaN, NaN

148.0083, 28.1254,
61.6543

0.0000, NaN, NaN

47.5347, 23.4176,
29.7006

47.5347, 23.4176,
29.7006

47.5352, 23.4159,
29.7009

49.6189, 19.2900,
30.1381

51.8570, 15.3886,
29.9882

54.2521, 11.7957,
29.0986

56.7970, 8.5394,
27.4641

59.4830, 5.6303,
25.1084

■ 62.3012, 3.0669,
22.0708

■ 65.2426, 0.8396,
18.3981

■ 68.2987, -1.0664,
14.1394

■ 71.4614, -2.6690,
9.3438

Harmonies

Analogous

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



47.5360, 51.6023, 23.6801



47.5347, 23.4176, 29.7006



47.5360, -6.7987, 30.7479

Triad

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



47.5360, 23.4144, 29.7011



47.5360, -45.7879, -1.7258



47.5360, 32.7203, -63.5763

Complementary

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



47.5347, 23.4176, 29.7006



33.4306, 14.3820, -72.8312

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.



47.5360, 1.8763, -84.3351



47.5347, 23.4176, 29.7006



47.5360, -39.8071, -37.5098

Square

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



47.5360, 23.4144, 29.7011



47.5360, -42.6129, 19.9974



47.5360, -23.8959, -72.7271



47.5360, 57.8030, -25.7533

Rectangle

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



47.5347, 23.4176, 29.7006



47.5360, -23.2371, 29.7857



47.5360, -23.8959, -72.7271



47.5360, 22.4468, -73.5459

Sweetspot

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



47.5360, 23.4144, 29.7011



87.1277, 1.2523, 24.8680



35.5556, 63.0589, 6.1531



39.5221, 1.1488, 12.5174

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5360, 23.4144, 29.7011



63.2125, 32.2322, 39.5155



71.3689, -21.5765, 43.5993



34.0361, -1.3096, 4.2919



38.7703, 18.5104, 24.2141



9.2468, 2.3459, 5.7389

Inverse Universe

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



33.4306, 14.3820, -72.8312



44.1892, 20.4374, -99.3512



20.1836, 54.5350, -141.7776



33.2617, -2.1563, -0.7853



27.4094, 11.0319, -58.0739



7.0706, 0.2761, -9.4336

Previews

White Background



This preview shows how the HunterLab color 47.5347, 23.4176, 29.7006 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 47.5347, 23.4176, 29.7006 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 47.5347, 23.4176, 29.7006 Background



This preview shows how black text looks on a background with the HunterLab color 47.5347, 23.4176, 29.7006.



This preview shows how white text looks on a background with the HunterLab color 47.5347, 23.4176,

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

47.5347, 23.4176, 29.7006

Protanopia

47.7869, -6.8377, 28.7181

Deuteranopia

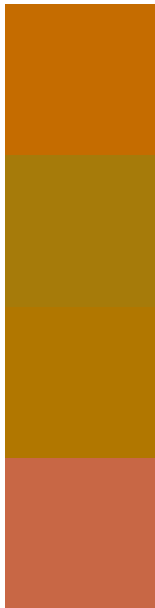
47.7223, 2.7373, 29.4542



Tritanopia

47.5548, 34.4585, 12.2179

Trichromacy



Original Color

47.5347, 23.4176, 29.7006

Protanomaly

47.2174, 3.8029, 28.8011

Deuteranomaly

47.4771, 9.8861, 29.4282

Tritanomaly

47.3387, 29.3124, 22.6314

Monochromacy



Original Color

47.5347, 23.4176, 29.7006

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.3421, 3.4386, 17.7461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5347, 23.4176, 29.7006 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(197, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 108, 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(197, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 108, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5347, 23.4176, 29.7006 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(197, 108, 0) }
```


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

```
.border{ border-color:rgb(197, 108, 0) }
```

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

Here you see how a box with a 4 pixel rgb(197, 108, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 108,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5347, 23.4176, 29.7006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 108, 0) }
```

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

```
.background{ background-color: rgb(197,  
108, 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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