

Converting Colors

HunterLab(47.5632, 31.2930,
28.9900)

Have a look what the booklet for
HunterLab(47.5632, 31.2930,
28.9900) contains.

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Color

**HunterLab(47.5677, 31.2884,
28.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6515
RGB	207, 101, 21
RGB Percent	81%, 40%, 8%
CMY	0.1882, 0.6039, 0.9176
CMYK	0.00, 0.51, 0.90, 0.19
HSL	26°, 82%, 45%
HSV	26°, 90%, 81%
XYZ	30.5211, 22.6269, 3.4682
YIQ	123.5740, 88.8560, -2.4080

Conversions

Conversions Part 2

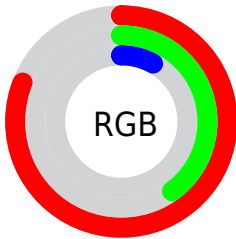
Format	Color
R_{YB}	207, 161, 21
Decimal	13591829
CIE Lab	54.69, 37.71, 58.47
CIE LCh	55, 69.578, 57.183
Yxy	22.6281, 0.5391, 0.3997
Android (android.graphics.Color)	4291781909 (0xFFCF6515)
YUV	123.5740, -50.5690, 73.1646
Hunter-Lab	47.5677, 31.2884, 28.9745

Details

The HunterLab color **47.5677, 31.2884, 28.9745** 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 **44.5442, -1.1717, -51.1450**, and the grayscale version is **44.8966, -2.3956, 2.4393**.

A 20% lighter version of the original color is **66.9919, 26.8219, 35.8584**, and **29.1181, 28.9682, 18.4496** is the 20% darker color. If you saturate the color by 10%, you get **45.2170, 36.6283, 28.4924**, and if you desaturate by 10%, it is **50.1963, 26.0483, 28.8322**.

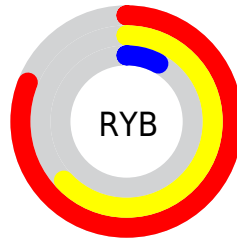
Distribution



Red (81%)

Green (40%)

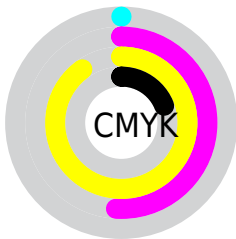
Blue (8%)



Red (81%)

Yellow (63%)

Blue (8%)

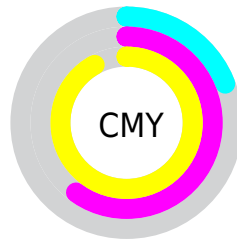


Cyan (0%)

Magenta (51%)

Yellow (90%)

Black (19%)



Cyan (19%)

Magenta (60%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5677, 31.2884, 28.9745 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 47.5677, 31.2884, 28.9745 by changing the saturation by 10% instead.

47.5677, 31.2884,
28.9745

47.5677, 31.2884,
28.9745

163.0365, 38.9738,
62.4414

37.8406, 29.9374,
24.3911

69.1245, 33.6267,
37.4388

28.8842, 28.4620,
20.0278

80.8676, 34.6397,
41.3813

20.7730, 26.8620,
14.5411

93.2093, 35.5588,
45.1683

13.6066, 25.1792,
9.5246

106.1218, 36.3913,
48.8224

7.2035, 25.8772,
5.0424

119.5811, 37.1438,
52.3624

0.0000, INF, NaN

0.0000, NaN, NaN

133.5657, 37.8218,

55.8039

0.0000, NaN, NaN

148.0565, 38.4304,
59.1599

0.0000, NaN, NaN

47.5677, 31.2884,
28.9745

47.5677, 31.2884,
28.9745

45.2170, 36.6283,
28.4924

50.1963, 26.0483,
28.8322

45.1845, 36.7053,
28.4851

53.0880, 21.0638,
27.9266

56.2238, 16.4001,
26.2802

59.5824, 12.0912,
23.9459

63.1430, 8.1465,
20.9891

■ 66.8868, 4.5591,
17.4771

■ 70.7964, 1.3123,
13.4739

■ 74.8564, -1.6162,
9.0374

■ 79.0531, -4.2513,
4.2187

Harmonies

Analogous

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



47.5690, 57.3090, 20.8950



47.5677, 31.2884, 28.9745



47.5690, 0.2069, 30.8603

Triad

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



47.5690, 31.2848, 28.9751



47.5690, -46.1254, 5.1021



47.5690, 25.4441, -71.9785

Complementary

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



47.5677, 31.2884, 28.9745



44.5442, -1.1717, -51.1450

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.



47.5690, -5.2274, -85.5893



47.5677, 31.2884, 28.9745



47.5690, -42.4089, -28.2494

Square

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



47.5690, 31.2848, 28.9751



47.5690, -40.6592, 23.1838



47.5690, -28.9495, -66.2108



47.5690, 53.4126, -35.6435

Rectangle

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



47.5677, 31.2884, 28.9745



47.5690, -17.7975, 30.4135



47.5690, -28.9495, -66.2108



47.5690, 14.9200, -80.0463

Sweetspot

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



47.5690, 31.2848, 28.9751



85.9086, 4.6932, 20.9004



39.2429, 67.7643, -6.2752



38.9676, 2.8567, 10.4399

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5690, 31.2848, 28.9751



56.8718, 47.3061, 35.8723



71.2736, -13.0130, 43.1003



35.5423, -0.8232, 4.1840



36.1157, 28.5059, 22.7533



9.4099, 4.6942, 5.8805

Inverse Universe

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



44.5442, -1.1717, -51.1450



52.5044, 4.0693, -74.4104



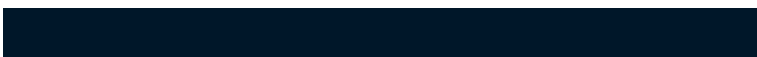
24.4065, 46.6455, -127.5461



35.3835, -2.8230, -0.4379



33.4474, 1.6139, -45.2903



8.8402, -1.1714, -8.5206

Previews

White Background



This preview shows how the HunterLab color 47.5677, 31.2884, 28.9745 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 47.5677, 31.2884, 28.9745 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 47.5677, 31.2884, 28.9745 Background



This preview shows how black text looks on a background with the HunterLab color 47.5677, 31.2884, 28.9745.



This preview shows how white text looks on a background with the HunterLab color 47.5677, 31.2884,

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

47.5677, 31.2884, 28.9745

Protanopia

47.8405, -6.5392, 27.9240

Deuteranopia

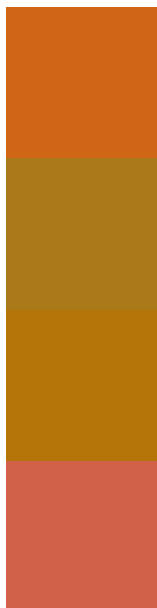
47.7223, 2.7373, 29.4542



Tritanopia

47.5885, 40.2376, 14.6889

Trichromacy



Original Color

47.5677, 31.2884, 28.9745

Protanomaly

47.1003, 6.2026, 27.9013

Deuteranomaly

47.2568, 13.0356, 29.0594

Tritanomaly

47.5106, 36.1012, 22.2569

Monochromacy



Original Color

47.5677, 31.2884, 28.9745

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.7760, 6.5231, 15.7654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5677, 31.2884, 28.9745 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(207, 101, 21)` looks like.

```
.text, #text, p{  
    color:rgb(207, 101, 21)  
}
```

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(207, 101, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 101, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5677, 31.2884, 28.9745 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(207, 101, 21) }
```


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

```
.border{ border-color:rgb(207, 101, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 101, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 101, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 101, 21);  
box-shadow:4px 4px 4px 4px rgb(207, 101,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5677, 31.2884, 28.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 101, 21) }
```

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

```
.background{ background-color: rgb(207,  
101, 21) }
```

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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