

Converting Colors

HunterLab(48.4977, 19.3956,
32.5675)

Have a look what the booklet for
HunterLab(48.4977, 19.3956,
32.5675) contains.

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Color

**HunterLab(48.7549, 20.0558,
30.3936)**

Conversions

Conversions Part 1

Format	Color
Hex	C47200
RGB	196, 114, 0
RGB Percent	77%, 45%, 0%
CMY	0.2314, 0.5529, 1.0000
CMYK	0.00, 0.42, 1.00, 0.23
HSL	35°, 100%, 38%
HSV	35°, 100%, 77%
XYZ	28.7823, 23.7704, 3.0712
YIQ	125.5220, 85.4660, -18.0700

Conversions

Conversions Part 2

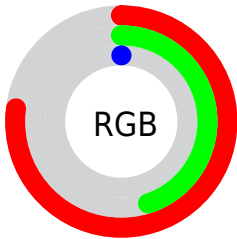
Format	Color
R_{YB}	141, 196, 0
Decimal	12874240
CIE Lab	55.86, 26.03, 63.01
CIE LCh	56, 68.175, 67.554
Yxy	23.7717, 0.5174, 0.4273
Android (android.graphics.Color)	4291064320 (0xFFC47200)
YUV	125.5220, -61.8823, 61.8092
Hunter-Lab	48.7549, 20.0558, 30.3936

Details

The HunterLab color **48.7549, 20.0558, 30.3936** 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 **31.6551, 17.8038, -77.9984**, and the grayscale version is **45.7019, -2.4385, 2.4831**.

A 20% lighter version of the original color is **69.9470, 20.1427, 39.0847**, and **30.0247, 19.0574, 18.8347** is the 20% darker color. If you saturate the color by 10%, you get **48.7553, 20.0544, 30.3939**, and if you desaturate by 10%, it is **50.7488, 16.2605, 30.8038**.

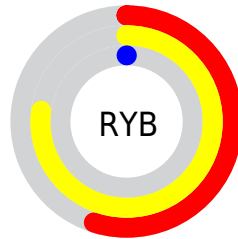
Distribution



Red (77%)

Green (45%)

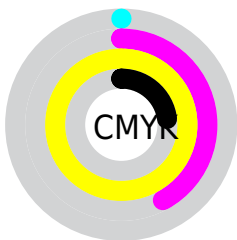
Blue (0%)



Red (55%)

Yellow (77%)

Blue (0%)

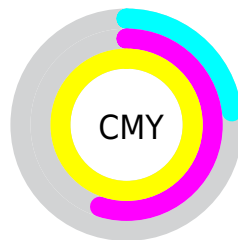


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7549, 20.0558, 30.3936 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 48.7549, 20.0558, 30.3936 by changing the saturation by 10% instead.

■ 48.7549, 20.0558,
30.3936

■ 48.7549, 20.0558,
30.3936

164.8223, 23.6786,
65.9976

■ 38.9414, 19.2202,
25.5365

■ 70.4680, 21.3997,
39.3954

■ 29.8911, 18.2633,
20.9238

■ 82.2827, 21.9360,
43.5941

■ 21.6764, 17.1661,
15.1735

■ 94.6926, 22.3923,
47.6275

■ 14.3930, 15.9160,
10.0751

■ 107.6704, 22.7754,
51.5183

■ 8.0534, 15.2099,
5.6374

■ 121.1923, 23.0911,
55.2857

0.0000, INF, NaN

0.0000, NaN, NaN

■ 135.2371, 23.3441,

58.9461

0.0000, NaN, NaN

149.7861, 23.5387,
62.5129

0.0000, NaN, NaN

48.7549, 20.0558,
30.3936

48.7549, 20.0558,
30.3936

48.7553, 20.0544,
30.3939

50.7488, 16.2605,
30.8038

52.8743, 12.7017,
30.6305

55.1367, 9.4543,
29.7191

57.5312, 6.5423,
28.0575

60.0515, 3.9745,
25.6622

■ 62.6908, 1.7491,
22.5658

■ 65.4419, -0.1426,
18.8094

■ 68.2980, -1.7143,
14.4382

■ 71.2523, -2.9824,
9.4982

Harmonies

Analogous

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



48.7562, 48.6944, 24.8896



48.7549, 20.0558, 30.3936



48.7562, -9.5791, 31.1741

Triad

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



48.7562, 20.0527, 30.3941



48.7562, -45.7961, -4.6830



48.7562, 35.3547, -59.1220

Complementary

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



48.7549, 20.0558, 30.3936



31.6551, 17.8038, -77.9984

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.



48.7562, 4.7865, -82.0623



48.7549, 20.0558, 30.3936



48.7562, -38.7902, -40.8260

Square

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



48.7562, 20.0527, 30.3941



48.7562, -43.5141, 18.6165



48.7562, -21.7556, -73.9343



48.7562, 58.8460, -21.6449

Rectangle

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



48.7549, 20.0558, 30.3936



48.7562, -25.3860, 29.9012



48.7562, -21.7556, -73.9343



48.7562, 25.3232, -69.5410

Sweetspot

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



48.7562, 20.0527, 30.3941



87.9020, -0.0809, 25.5759



35.2005, 62.1410, 8.3241



39.9270, 0.4462, 12.8749

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.7562, 20.0527, 30.3941



65.2229, 27.8439, 40.6775



70.3837, -23.6236, 42.9563



33.2102, -1.4192, 4.2610



39.3029, 15.6070, 24.4915



8.9507, 1.6800, 5.5448

Inverse Universe

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



31.6551, 17.8038, -77.9984



42.0343, 25.2755, -107.1017



20.1787, 54.3046, -140.0624



32.2877, -1.9555, -0.8611



25.6905, 13.5568, -61.3761



6.4900, 0.5214, -9.2374

Previews

White Background



This preview shows how the HunterLab color 48.7549, 20.0558, 30.3936 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 48.7549, 20.0558, 30.3936 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 48.7549, 20.0558, 30.3936 Background



This preview shows how black text looks on a background with the HunterLab color 48.7549, 20.0558, 30.3936.



This preview shows how white text looks on a background with the HunterLab color 48.7549, 20.0558,

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

48.7549, 20.0558, 30.3936

Protanopia

49.0284, -6.7988, 29.5455

Deuteranopia

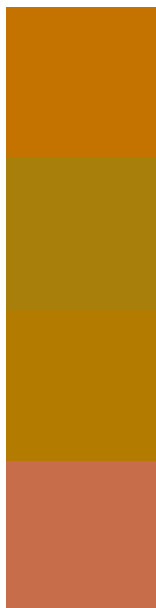
48.9739, 2.8525, 30.2274



Tritanopia

48.7876, 31.7397, 11.2718

Trichromacy



Original Color

48.7549, 20.0558, 30.3936

Protanomaly

48.5031, 2.6807, 29.5833

Deuteranomaly

48.7336, 8.7519, 30.1826

Tritanomaly

48.5391, 26.2054, 22.6689

Monochromacy



Original Color

48.7549, 20.0558, 30.3936

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.9103, 1.9663, 18.5229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7549, 20.0558, 30.3936 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(196, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 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(196, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7549, 20.0558, 30.3936 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(196, 114, 0) }
```


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

```
.border{ border-color:rgb(196, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7549, 20.0558, 30.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 0) }
```

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

```
.background{ background-color: rgb(196,  
114, 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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