

Converting Colors

HunterLab(48.8887, 20.4266,
29.0570)

Have a look what the booklet for
HunterLab(48.8887, 20.4266,
29.0570) contains.

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Color

**HunterLab(48.8458, 20.5110,
29.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	C4721D
RGB	196, 114, 29
RGB Percent	77%, 45%, 11%
CMY	0.2314, 0.5529, 0.8863
CMYK	0.00, 0.42, 0.85, 0.23
HSL	31°, 74%, 44%
HSV	31°, 85%, 77%
XYZ	29.0040, 23.8591, 4.2390
YIQ	128.8280, 76.1570, -9.0510

Conversions

Conversions Part 2

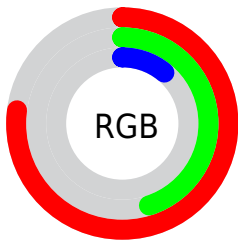
Format	Color
RYB	190, 196, 29
Decimal	12874269
CIELab	55.95, 26.51, 56.26
CIElCh	56, 62.192, 64.774
Yxy	23.8604, 0.5079, 0.4178
Android (android.graphics.Color)	4291064349 (0xFFC4721D)
YUV	128.8280, -49.2152, 58.9098
Hunter-Lab	48.8458, 20.5110, 29.0467

Details

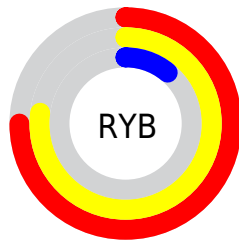
The HunterLab color **48.8458, 20.5110, 29.0467** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **39.5157, 3.8210, -53.9418**, and the grayscale version is **46.9534, -2.5053, 2.5511**.

A 20% lighter version of the original color is **70.1011, 20.9337, 36.8109**, and **30.0247, 19.0574, 18.8347** is the 20% darker color. If you saturate the color by 10%, you get **46.6199, 24.8769, 28.8190**, and if you desaturate by 10%, it is **51.2608, 16.4035, 28.5635**.

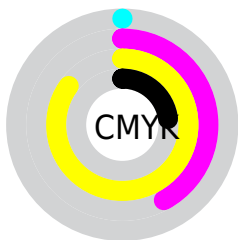
Distribution



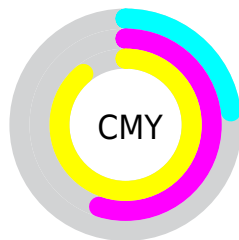
- Red (77%)
- Green (45%)
- Blue (11%)



- Red (75%)
- Yellow (77%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (85%)
- Black (23%)



- Cyan (23%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8458, 20.5110, 29.0467 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 48.8458, 20.5110, 29.0467 by changing the saturation by 10% instead.

■ 48.8458, 20.5110,
29.0467

■ 48.8458, 20.5110,
29.0467

164.9587, 24.2952,
61.2520

■ 39.0257, 19.6547,
24.6478

■ 70.5707, 21.8946,
37.1684

■ 29.9684, 18.6767,
20.1870

■ 82.3909, 22.4499,
40.9552

■ 21.7458, 17.5582,
15.2221

■ 94.8060, 22.9245,
44.5962

■ 14.4535, 16.2879,
10.1175

■ 107.7888, 23.3254,
48.1129

■ 8.1145, 15.5107,
5.6801

■ 121.3154, 23.6584,
51.5233

0.0000, INF, NaN

0.0000, NaN, NaN

■ 135.3648, 23.9282,

54.8421

0.0000, NaN, NaN

149.9182, 24.1393,
58.0816

0.0000, NaN, NaN

48.8458, 20.5110,
29.0467

48.8458, 20.5110,
29.0467

46.6199, 24.8769,
28.8190

51.2608, 16.4035,
28.5635

45.6127, 27.0114,
28.5792

53.8515, 12.6134,
27.3469

56.6081, 9.1619,
25.4168

59.5186, 6.0560,
22.8136

62.5716, 3.2903,
19.5873

■ 65.7559, 0.8520,
15.7910

■ 69.0612, -1.2765,
11.4770

■ 72.4782, -3.1153,
6.6947

■ 75.9984, -4.6853,
1.4893

Harmonies

Analogous

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



48.8471, 45.4619, 22.7121



48.8458, 20.5110, 29.0467



48.8471, -6.6899, 30.2421

Triad

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



48.8471, 20.5079, 29.0472



48.8471, -43.0267, -1.4557



48.8471, 29.2043, -54.5458

Complementary

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



48.8458, 20.5110, 29.0467



39.5157, 3.8210, -53.9418

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.



48.8471, 1.6105, -72.1525



48.8458, 20.5110, 29.0467



48.8471, -37.1874, -32.8646

Square

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



48.8471, 20.5079, 29.0472



48.8471, -40.0252, 18.8611



48.8471, -22.0936, -62.6491



48.8471, 51.1725, -22.1814

Rectangle

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



48.8458, 20.5110, 29.0467



48.8471, -21.7954, 29.0942



48.8471, -22.0936, -62.6491



48.8471, 20.0890, -62.9830

Sweetspot

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



48.8471, 20.5079, 29.0472



87.9782, 1.5198, 21.9082



37.1424, 60.7059, -0.7543



39.9995, 1.2230, 10.9919

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.8471, 20.5079, 29.0472



60.9684, 37.3378, 38.2221



71.6268, -18.8691, 42.8434



33.0249, -1.1085, 4.0615



36.7982, 21.1110, 23.0445



8.5018, 2.5588, 5.2836

Inverse Universe

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



39.5157, 3.8210, -53.9418



46.8386, 14.8662, -90.6361



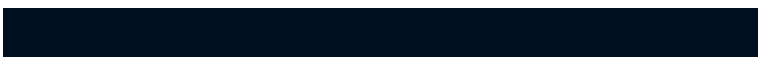
22.6399, 46.3979, -122.0034



32.4750, -2.2646, -0.6315



28.5222, 7.5955, -52.0469



6.9962, -0.3531, -7.9823

Previews

White Background



This preview shows how the HunterLab color 48.8458, 20.5110, 29.0467 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 48.8458, 20.5110, 29.0467 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 48.8458, 20.5110, 29.0467 Background



This preview shows how black text looks on a background with the HunterLab color 48.8458, 20.5110, 29.0467.



This preview shows how white text looks on a background with the HunterLab color 48.8458, 20.5110,

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

48.8458, 20.5110, 29.0467

Protanopia

49.0130, -6.6884, 28.2538

Deuteranopia

49.0291, 3.1488, 29.4087



Tritanopia

48.7876, 31.7397, 11.2718

Trichromacy



Original Color

48.8458, 20.5110, 29.0467

Protanomaly

48.4753, 2.7568, 28.2471

Deuteranomaly

48.8012, 9.1063, 29.1806

Tritanomaly

48.6867, 26.9254, 20.5060

Monochromacy



Original Color

48.8458, 20.5110, 29.0467

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.8806, 2.9445, 15.8420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8458, 20.5110, 29.0467 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, 29)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 29)  
}
```

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, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8458, 20.5110, 29.0467 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, 29) }
```


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

```
.border{ border-color:rgb(196, 114, 29) }
```

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, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 29);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8458, 20.5110, 29.0467 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, 29) }
```

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

```
.background{ background-color: rgb(196,  
114, 29) }
```

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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