

Converting Colors

HunterLab(48.2317, 24.3986,
29.4430)

Have a look what the booklet for
HunterLab(48.2317, 24.3986,
29.4430) contains.

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Color

**HunterLab(48.2289, 24.4014,
29.4421)**

Conversions

Conversions Part 1

Format	Color
Hex	C86D12
RGB	200, 109, 18
RGB Percent	78%, 43%, 7%
CMY	0.2157, 0.5725, 0.9294
CMYK	0.00, 0.45, 0.91, 0.22
HSL	30°, 83%, 43%
HSV	30°, 91%, 78%
XYZ	29.3972, 23.2603, 3.5125
YIQ	125.8350, 83.4470, -9.0090

Conversions

Conversions Part 2

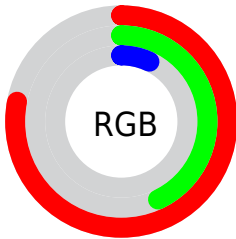
Format	Color
R_{YB}	200, 200, 18
Decimal	13135122
CIE _{Lab}	55.34, 30.64, 59.33
CIE _{LCh}	55, 66.774, 62.690
Yxy	23.2615, 0.5233, 0.4141
Android (android.graphics.Color)	4291325202 (0xFFC86D12)
YUV	125.8350, -53.1627, 65.0427
Hunter-Lab	48.2289, 24.4014, 29.4421

Details

The HunterLab color **48.2289, 24.4014, 29.4421** 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 **39.0327, 5.5169, -58.8536**, and the grayscale version is **45.7918, -2.4433, 2.4880**.

A 20% lighter version of the original color is **68.7344, 23.1210, 37.1702**, and **29.5308, 22.4472, 18.5897** is the 20% darker color. If you saturate the color by 10%, you get **46.2541, 28.5647, 29.0016**, and if you desaturate by 10%, it is **50.6105, 19.9436, 29.3864**.

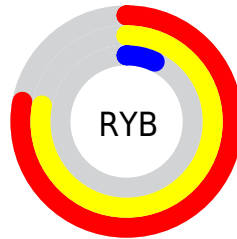
Distribution



Red (78%)

Green (43%)

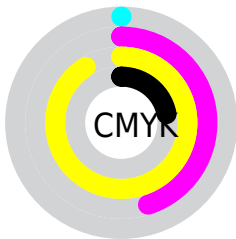
Blue (7%)



Red (78%)

Yellow (78%)

Blue (7%)

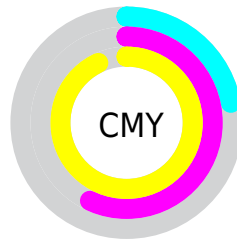


Cyan (0%)

Magenta (45%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2289, 24.4014, 29.4421 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 48.2289, 24.4014, 29.4421 by changing the saturation by 10% instead.

48.2289, 24.4014,
29.4421

48.2289, 24.4014,
29.4421

164.0321, 29.6619,
63.2621

38.4535, 23.3532,
24.8172

69.8730, 26.1505,
37.9905

29.4446, 22.1793,
20.3858

81.6561, 26.8796,
41.9744

21.2755, 20.8652,
14.8928

94.0359, 27.5224,
45.8018

14.0435, 19.4139,
9.8305

106.9850, 28.0862,
49.4954

7.6893, 19.0887,
5.3825

120.4792, 28.5772,
53.0739

0.0000, INF, NaN

0.0000, NaN, NaN

134.4974, 29.0005,

56.5528

0.0000, NaN, NaN

149.0207, 29.3607,
59.9452

0.0000, NaN, NaN

48.2289, 24.4014,
29.4421

48.2289, 24.4014,
29.4421

46.2541, 28.5647,
29.0016

50.6105, 19.9436,
29.3864

53.1852, 15.7807,
28.5856

55.9428, 11.9510,
27.0411

58.8705, 8.4725,
24.7854

61.9555, 5.3473,
21.8669

■ 65.1854, 2.5664,
18.3404

■ 68.5487, 0.1141,
14.2612

■ 72.0346, -2.0291,
9.6826

■ 75.6334, -3.8849,
4.6538

Harmonies

Analogous

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



48.2302, 50.9844, 22.7675



48.2289, 24.4014, 29.4421



48.2302, -5.0527, 30.7752

Triad

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



48.2302, 24.3981, 29.4426



48.2302, -45.1084, 0.1840



48.2302, 29.7230, -62.5184

Complementary

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



48.2289, 24.4014, 29.4421



39.0327, 5.5169, -58.8536

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.



48.2302, -0.0484, -80.4596



48.2289, 24.4014, 29.4421



48.2302, -39.7390, -33.5772

Square

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



48.2302, 24.3981, 29.4426



48.2302, -41.3894, 20.5767



48.2302, -24.6770, -67.6592



48.2302, 54.5148, -26.9153

Rectangle

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



48.2289, 24.4014, 29.4421



48.2302, -21.4644, 29.8891



48.2302, -24.6770, -67.6592



48.2302, 19.7573, -71.5022

Sweetspot

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



48.2302, 24.3981, 29.4426



87.3505, 2.1633, 22.2747



37.1701, 63.6332, 0.9393



39.7117, 1.5389, 11.1306

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.2302, 24.3981, 29.4426



60.4729, 38.4970, 37.9371



73.2333, -19.4921, 44.3213



33.9094, -1.0968, 4.1553



37.1250, 22.2149, 23.2652



8.9302, 2.9818, 5.5549

Inverse Universe

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



39.0327, 5.5169, -58.8536



47.4623, 13.6082, -88.7000



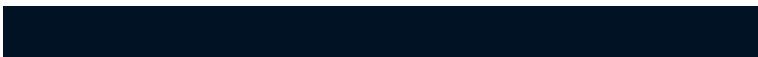
21.7520, 51.3083, -134.6404



33.3901, -2.3677, -0.6283



29.3690, 7.0471, -51.9214



7.4383, -0.3527, -8.5359

Previews

White Background



This preview shows how the HunterLab color 48.2289, 24.4014, 29.4421 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 48.2289, 24.4014, 29.4421 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 48.2289, 24.4014, 29.4421 Background



This preview shows how black text looks on a background with the HunterLab color 48.2289, 24.4014, 29.4421.



This preview shows how white text looks on a background with the HunterLab color 48.2289, 24.4014,

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

48.2289, 24.4014, 29.4421

Protanopia

48.3004, -6.3977, 28.5215

Deuteranopia

48.2147, 3.0305, 29.7627



Tritanopia

48.2171, 35.2536, 12.5378

Trichromacy



Original Color

48.2289, 24.4014, 29.4421

Protanomaly

47.7473, 4.2987, 28.5544

Deuteranomaly

48.1161, 10.6826, 29.5882

Tritanomaly

48.0822, 30.5077, 21.7308

Monochromacy



Original Color

48.2289, 24.4014, 29.4421

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.7093, 4.2564, 16.5445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2289, 24.4014, 29.4421 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(200, 109, 18)` looks like.

```
.text, #text, p{  
    color:rgb(200, 109, 18)  
}
```

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(200, 109, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 109, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2289, 24.4014, 29.4421 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(200, 109, 18) }
```


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

```
.border{ border-color:rgb(200, 109, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 109, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 109, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 109, 18);  
box-shadow:4px 4px 4px 4px rgb(200, 109,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2289, 24.4014, 29.4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 109, 18) }
```

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

```
.background{ background-color: rgb(200,  
109, 18) }
```

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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