

Converting Colors

HunterLab(48.5023, 38.7386,
29.9503)

Have a look what the booklet for
HunterLab(48.5023, 38.7386,
29.9503) contains.

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Color

**HunterLab(48.4388, 38.6439,
29.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6010
RGB	219, 96, 16
RGB Percent	86%, 38%, 6%
CMY	0.1412, 0.6235, 0.9372
CMYK	0.00, 0.56, 0.93, 0.14
HSL	24°, 86%, 46%
HSV	24°, 93%, 86%
XYZ	33.4897, 23.4632, 3.2539
YIQ	123.6570, 98.9880, 1.1960

Conversions

Conversions Part 2

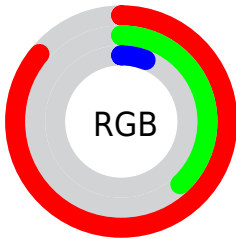
Format	Color
RYB	219, 148, 16
Decimal	14376976
CIELab	55.55, 44.76, 61.29
CIELCh	56, 75.894, 53.861
Yxy	23.4645, 0.5562, 0.3897
Android (android.graphics.Color)	4292567056 (0xFFDB6010)
YUV	123.6570, -53.0749, 83.6158
Hunter-Lab	48.4388, 38.6439, 29.9243

Details

The HunterLab color **48.4388, 38.6439, 29.9243** 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 **48.6706, -3.6388, -51.7127**, and the grayscale version is **44.9359, -2.3977, 2.4415**.

A 20% lighter version of the original color is **65.7440, 29.2736, 35.4946**, and **29.6575, 35.8172, 18.9019** is the 20% darker color. If you saturate the color by 10%, you get **46.6534, 42.9565, 29.4996**, and if you desaturate by 10%, it is **51.1816, 32.7053, 29.9957**.

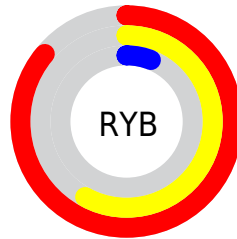
Distribution



Red (86%)

Green (38%)

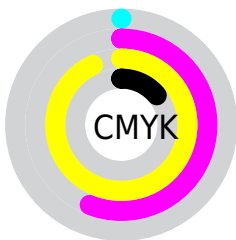
Blue (6%)



Red (86%)

Yellow (58%)

Blue (6%)

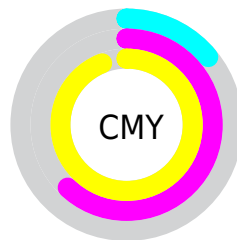


Cyan (0%)

Magenta (56%)

Yellow (93%)

Black (14%)



Cyan (14%)

Magenta (62%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4388, 38.6439, 29.9243 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 48.4388, 38.6439, 29.9243 by changing the saturation by 10% instead.

48.4388, 38.6439,
29.9243

48.4388, 38.6439,
29.9243

164.3478, 48.5203,
64.7043

38.6482, 37.0379,
25.1731

70.1106, 41.4961,
38.7182

29.6228, 35.3194,
20.7359

81.9063, 42.7625,
42.8179

21.4354, 33.5055,
15.0048

94.2982, 43.9308,
46.7562

14.1828, 31.6821,
9.9280

107.2587, 45.0080,
50.5557

7.8368, 31.4427,
5.4858

120.7640, 46.0001,
54.2356

0.0000, INF, NaN

0.0000, NaN, NaN

134.7928, 46.9130,

57.8118

0.0000, NaN, NaN

149.3264, 47.7516,
61.2976

0.0000, NaN, NaN

48.4388, 38.6439,
29.9243

48.4388, 38.6439,
29.9243

46.6534, 42.9565,
29.4996

51.1816, 32.7053,
29.9957

54.2563, 26.9446,
29.2624

57.6373, 21.4732,
27.7410

61.2963, 16.3558,
25.4909

65.2059, 11.6203,
22.5878

■ 69.3405, 7.2694,
19.1099

■ 73.6772, 3.2896,
15.1308

■ 78.1956, -0.3416,
10.7160

■ 82.8779, -3.6510,
5.9220

Harmonies

Analogous

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



48.4402, 66.3262, 20.6557



48.4388, 38.6439, 29.9243



48.4402, 4.0740, 32.0773

Triad

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



48.4402, 38.6399, 29.9249



48.4402, -49.3565, 8.4123



48.4402, 24.4804, -85.4171

Complementary

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



48.4388, 38.6439, 29.9243



48.6706, -3.6388, -51.7127

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.



48.4402, -8.9069, -97.0109



48.4388, 38.6439, 29.9243



48.4402, -46.5243, -27.0032

Square

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



48.4402, 38.6399, 29.9249



48.4402, -42.4936, 25.8190



48.4402, -33.4278, -70.9697



48.4402, 56.7954, -45.2466

Rectangle

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



48.4388, 38.6439, 29.9243



48.4402, -16.2822, 31.8662



48.4402, -33.4278, -70.9697



48.4402, 12.8216, -93.5364

Sweetspot

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



48.4402, 38.6399, 29.9249



84.6529, 6.4786, 20.6690



41.6643, 73.6936, -8.9983



38.1393, 3.9730, 10.4839

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.4402, 38.6399, 29.9249



55.2002, 51.6489, 34.9183



73.6678, -10.4496, 44.8162



37.2682, -0.6799, 4.2984



36.2014, 32.3530, 22.8735



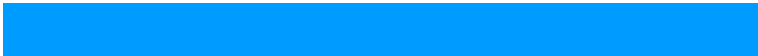
10.0701, 6.1297, 6.3124

Inverse Universe

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



48.6706, -3.6388, -51.7127



55.2236, -0.6797, -67.5575



25.9251, 49.2893, -136.4285



37.3140, -3.1502, -0.3440



36.2601, -1.2351, -42.6557



10.0896, -1.7001, -8.9410

Previews

White Background



This preview shows how the HunterLab color 48.4388, 38.6439, 29.9243 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 48.4388, 38.6439, 29.9243 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 48.4388, 38.6439, 29.9243 Background



This preview shows how black text looks on a background with the HunterLab color 48.4388, 38.6439, 29.9243.



This preview shows how white text looks on a background with the HunterLab color 48.4388, 38.6439,

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

48.4388, 38.6439, 29.9243

Protanopia

48.5936, -6.7947, 28.5590

Deuteranopia

48.5940, 2.9416, 29.9949



Tritanopia

48.3147, 46.4450, 17.2986

Trichromacy



Original Color

48.4388, 38.6439, 29.9243

Protanomaly

47.5487, 8.9529, 28.4452

Deuteranomaly

48.0299, 15.4432, 29.6535

Tritanomaly

48.2320, 42.6286, 24.1307

Monochromacy



Original Color

48.4388, 38.6439, 29.9243

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.7900, 9.1143, 16.3823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4388, 38.6439, 29.9243 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(219, 96, 16)` looks like.

```
.text, #text, p{  
    color:rgb(219, 96, 16)  
}
```

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(219, 96, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 96, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4388, 38.6439, 29.9243 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(219, 96, 16) }
```


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

```
.border{ border-color:rgb(219, 96, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 96, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 96, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 96, 16);  
box-shadow:4px 4px 4px 4px rgb(219, 96,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4388, 38.6439, 29.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 96, 16) }
```

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

```
.background{ background-color: rgb(219, 96,  
16) }
```

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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