

Converting Colors

HunterLab(47.5154, 39.0865,
31.0427)

Have a look what the booklet for
HunterLab(47.5154, 39.0865,
31.0427) contains.

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Color

**HunterLab(47.6803, 39.4563,
30.0711)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5D00
RGB	218, 93, 0
RGB Percent	85%, 36%, 0%
CMY	0.1451, 0.6353, 1.0000
CMYK	0.00, 0.57, 1.00, 0.15
HSL	26°, 100%, 43%
HSV	26°, 100%, 85%
XYZ	32.8278, 22.7341, 2.6579
YIQ	119.7730, 104.3530, -2.4230

Conversions

Conversions Part 2

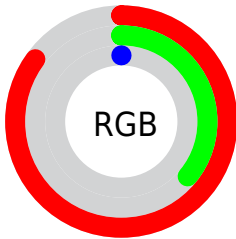
Format	Color
RYB	218, 162, 0
Decimal	14310656
CIELab	54.80, 45.64, 64.05
CIELCh	55, 78.647, 54.524
Yxy	22.7354, 0.5638, 0.3905
Android (android.graphics.Color)	4292500736 (0xFFDA5D00)
YUV	119.7730, -59.0481, 86.1451
Hunter-Lab	47.6803, 39.4563, 30.0711

Details

The HunterLab color **47.6803, 39.4563, 30.0711** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **44.4167, 2.5981, -61.1250**, and the grayscale version is **43.4451, -2.3181, 2.3605**.

A 20% lighter version of the original color is **64.9522, 30.4596, 36.1289**, and **29.1310, 36.4991, 18.5894** is the 20% darker color. If you saturate the color by 10%, you get **47.6810, 39.4538, 30.0715**, and if you desaturate by 10%, it is **50.1690, 33.7430, 30.6191**.

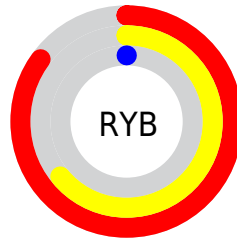
Distribution



Red (85%)

Green (36%)

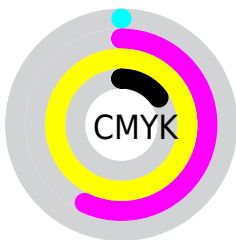
Blue (0%)



Red (85%)

Yellow (64%)

Blue (0%)

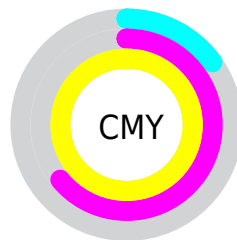


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6803, 39.4563, 30.0711 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 47.6803, 39.4563, 30.0711 by changing the saturation by 10% instead.

47.6803, 39.4563,
30.0711

47.6803, 39.4563,
30.0711

163.2063, 49.6692,
66.3340

37.9450, 37.8102,
25.1204

69.2521, 42.3894,
39.2532

28.9796, 36.0545,
20.2857

81.0020, 43.6953,
43.5340

20.8585, 34.2121,
14.6010

93.3502, 44.9021,
47.6441

13.6808, 32.3857,
9.5766

106.2690, 46.0167,
51.6067

7.2887, 33.3606,
5.1021

119.7342, 47.0454,
55.4416

0.0000, INF, NaN

0.0000, NaN, NaN

133.7246, 47.9937,

59.1655

0.0000, NaN, NaN

148.2209, 48.8668,
62.7923

0.0000, NaN, NaN

47.6803, 39.4563,
30.0711

47.6803, 39.4563,
30.0711

47.6810, 39.4538,
30.0715

50.1690, 33.7430,
30.6191

52.9553, 28.1353,
30.4988

56.0285, 22.7880,
29.5659

59.3662, 17.7785,
27.8431

62.9450, 13.1455,
25.3872

■ 66.7426, 8.9005,
22.2686

■ 70.7380, 5.0371,
18.5599

■ 74.9124, 1.5374,
14.3299

■ 79.2489, -1.6222,
9.6410

Harmonies

Analogous

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



47.6817, 68.7410, 21.2755



47.6803, 39.4563, 30.0711



47.6817, 3.5701, 31.9572

Triad

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



47.6817, 39.4523, 30.0717



47.6817, -50.2001, 7.9315



47.6817, 26.2901, -89.4641

Complementary

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



47.6803, 39.4563, 30.0711



44.4167, 2.5981, -61.1250

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.



47.6817, -8.3700, -102.7360



47.6803, 39.4563, 30.0711



47.6817, -47.1505, -29.2933

Square

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



47.6817, 39.4523, 30.0717



47.6817, -43.5389, 25.8233



47.6817, -33.6872, -75.7252



47.6817, 59.8250, -46.4560

Rectangle

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



47.6803, 39.4563, 30.0711



47.6817, -17.2400, 31.7370



47.6817, -33.6872, -75.7252



47.6817, 14.1741, -98.3924

Sweetspot

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



47.6817, 39.4523, 30.0717



84.3511, 6.1337, 22.2932



40.5489, 73.2301, -3.1750



38.0742, 3.7228, 11.2195

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6817, 39.4523, 30.0717



56.7032, 47.7363, 35.7760



74.9243, -13.1199, 45.9382



37.3635, -0.8413, 4.4018



37.1812, 29.8422, 23.4333



10.3161, 5.5666, 6.4542

Inverse Universe

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



44.4167, 2.5981, -61.1250



52.7660, 3.6016, -73.7278



23.4524, 56.9439, -152.2382



37.2164, -2.9909, -0.4624



34.6938, 1.4559, -46.5072



9.7438, -1.1569, -9.6814

Previews

White Background



This preview shows how the HunterLab color 47.6803, 39.4563, 30.0711 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 47.6803, 39.4563, 30.0711 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 47.6803, 39.4563, 30.0711 Background



This preview shows how black text looks on a background with the HunterLab color 47.6803, 39.4563, 30.0711.



This preview shows how white text looks on a background with the HunterLab color 47.6803, 39.4563,

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

47.6803, 39.4563, 30.0711

Protanopia

47.8044, -6.7403, 28.4589

Deuteranopia

47.7223, 2.7373, 29.4542



Tritanopia

47.7543, 46.7145, 17.6727

Trichromacy



Original Color

47.6803, 39.4563, 30.0711

Protanomaly

46.7655, 8.9443, 28.4905

Deuteranomaly

47.0367, 16.0220, 29.2643

Tritanomaly

47.4559, 43.2417, 24.8296

Monochromacy



Original Color

47.6803, 39.4563, 30.0711

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.2916, 9.1397, 17.4718

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6803, 39.4563, 30.0711 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(218, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 93, 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(218, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 93, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6803, 39.4563, 30.0711 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(218, 93, 0) }
```


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

```
.border{ border-color:rgb(218, 93, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 93, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(218, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.6803, 39.4563, 30.0711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 93, 0) }
```

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

```
.background{ background-color: rgb(218, 93,  
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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