

Converting Colors

HunterLab(49.8394, 35.4886,
30.0986)

Have a look what the booklet for
HunterLab(49.8394, 35.4886,
30.0986) contains.

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Color

**HunterLab(49.8394, 35.4886,
30.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	DB671B
RGB	219, 103, 27
RGB Percent	86%, 40%, 11%
CMY	0.1412, 0.5960, 0.8941
CMYK	0.00, 0.53, 0.88, 0.14
HSL	24°, 78%, 48%
HSV	24°, 88%, 86%
XYZ	34.2615, 24.8397, 4.0256
YIQ	129.0200, 93.5320, 0.9560

Conversions

Conversions Part 2

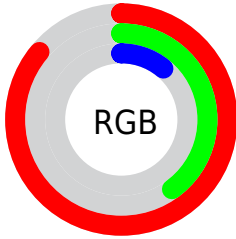
Format	Color
R _Y B	219, 153, 27
Decimal	14378779
CIE Lab	56.92, 41.53, 59.09
CIE LCh	57, 72.231, 54.899
Yxy	24.8410, 0.5427, 0.3935
Android (android.graphics.Color)	4292568859 (0xFFDB671B)
YUV	129.0200, -50.2959, 78.9125
Hunter-Lab	49.8394, 35.4886, 30.0986

Details

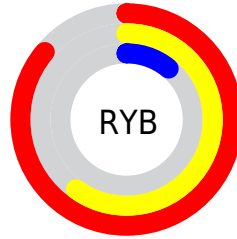
The HunterLab color **49.8394, 35.4886, 30.0986** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **49.9907, -5.1451, -48.7699**, and the grayscale version is **47.0284, -2.5093, 2.5551**.

A 20% lighter version of the original color is **67.5397, 26.0450, 35.4112**, and **31.0227, 32.7811, 19.6899** is the 20% darker color. If you saturate the color by 10%, you get **47.2714, 41.4264, 29.6699**, and if you desaturate by 10%, it is **52.7509, 29.6336, 29.7698**.

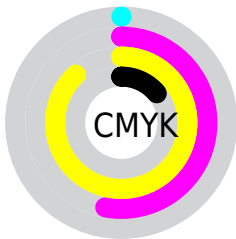
Distribution



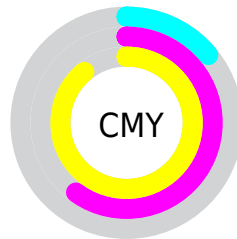
- Red (86%)
- Green (40%)
- Blue (11%)



- Red (86%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (88%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8394, 35.4886, 30.0986 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 49.8394, 35.4886, 30.0986 by changing the saturation by 10% instead.

49.8394, 35.4886,
30.0986

49.8394, 35.4886,
30.0986

166.4468, 44.2382,
63.6104

39.9483, 34.0172,
25.5303

71.6932, 38.0714,
38.5496

30.8138, 32.4269,
20.9561

83.5726, 39.2063,
42.4928

22.5064, 30.7218,
15.7545

96.0441, 40.2460,
46.2841

15.1184, 28.9521,
10.5829

109.0807, 41.1977,
49.9453

8.7528, 27.5332,
6.1269

122.6590, 42.0675,
53.4946

0.0000, INF, NaN

0.0000, NaN, NaN

136.7582, 42.8610,

56.9472

0.0000, NaN, NaN

151.3597, 43.5831,
60.3156

0.0000, NaN, NaN

49.8394, 35.4886,
30.0986

49.8394, 35.4886,
30.0986

47.2714, 41.4264,
29.6699

52.7509, 29.6336,
29.7698

46.7193, 42.7831,
29.5372

55.9790, 24.0242,
28.6359

59.4976, 18.7436,
26.7392

63.2786, 13.8356,
24.1491

67.2958, 9.3137,
20.9436

■ 71.5251, 5.1711,
17.1990

■ 75.9451, 1.3892,
12.9848

■ 80.5368, -2.0573,
8.3622

■ 85.2838, -5.1962,
3.3834

Harmonies

Analogous

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



49.8408, 62.0042, 20.8688



49.8394, 35.4886, 30.0986



49.8408, 2.6281, 32.3701

Triad

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



49.8408, 35.4847, 30.0992



49.8408, -48.4509, 7.3963



49.8408, 24.3330, -78.3548

Complementary

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



49.8394, 35.4886, 30.0986



49.9907, -5.1451, -48.7699

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.



49.8408, -7.7404, -90.1610



49.8394, 35.4886, 30.0986



49.8408, -45.2838, -26.7376

Square

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



49.8408, 35.4847, 30.0992



49.8408, -41.9515, 25.2269



49.8408, -31.9494, -67.3245



49.8408, 54.5618, -40.8703

Rectangle

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



49.8394, 35.4886, 30.0986



49.8408, -16.7826, 32.0570



49.8408, -31.9494, -67.3245



49.8408, 13.2298, -86.1393

Sweetspot

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



49.8408, 35.4847, 30.0992



85.7289, 5.4679, 19.7430



42.3091, 72.5545, -10.4259



38.8321, 3.2920, 9.8976

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8408, 35.4847, 30.0992



55.2782, 51.4423, 34.9628



74.0878, -10.9075, 44.6317



37.2734, -0.6885, 4.3040



36.2524, 32.2201, 22.9026



10.0830, 6.0996, 6.3199

Inverse Universe

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



49.9907, -5.1451, -48.7699



55.0901, -0.4520, -67.8821



27.5280, 44.8977, -126.5939



37.3087, -3.1417, -0.3503



36.1751, -1.0920, -42.8584



10.0708, -1.6711, -8.9802

Previews

White Background



This preview shows how the HunterLab color 49.8394, 35.4886, 30.0986 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 49.8394, 35.4886, 30.0986 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 49.8394, 35.4886, 30.0986 Background



This preview shows how black text looks on a background with the HunterLab color 49.8394, 35.4886, 30.0986.



This preview shows how white text looks on a background with the HunterLab color 49.8394, 35.4886,

30.0986.

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

49.8394, 35.4886, 30.0986

Protanopia

49.8886, -6.4768, 28.6441

Deuteranopia

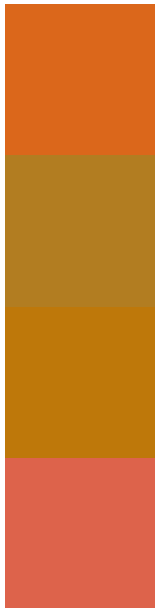
49.8493, 3.0578, 30.7704



Tritanopia

49.8745, 44.2663, 16.2529

Trichromacy



Original Color

49.8394, 35.4886, 30.0986

Protanomaly

49.2362, 7.9814, 28.7462

Deuteranomaly

49.3984, 14.7536, 30.3527

Tritanomaly

49.8034, 40.2606, 23.4689

Monochromacy



Original Color

49.8394, 35.4886, 30.0986

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.7836, 7.9768, 16.1355

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8394, 35.4886, 30.0986 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, 103, 27)` looks like.

```
.text, #text, p{  
    color:rgb(219, 103, 27)  
}
```

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, 103, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 103, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8394, 35.4886, 30.0986 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, 103, 27) }
```


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

```
.border{ border-color:rgb(219, 103, 27) }
```

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

Here you see how a box with a 4 pixel rgb(219, 103, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 103, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 103, 27);  
box-shadow:4px 4px 4px 4px rgb(219, 103,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8394, 35.4886, 30.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 103, 27) }
```

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

```
.background{ background-color: rgb(219,  
103, 27) }
```

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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