

Converting Colors

HunterLab(47.4423, 34.6377,
29.8401)

Have a look what the booklet for
HunterLab(47.4423, 34.6377,
29.8401) contains.

HunterLab(47.3268, 34.6221, 29.7687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.3268, 34.6221,
29.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	D36100
RGB	211, 97, 0
RGB Percent	83%, 38%, 0%
CMY	0.1726, 0.6196, 1.0000
CMYK	0.00, 0.54, 1.00, 0.17
HSL	28°, 100%, 41%
HSV	28°, 100%, 83%
XYZ	31.1386, 22.3983, 2.6821
YIQ	120.0280, 99.0810, -5.9990

Conversions

Conversions Part 2

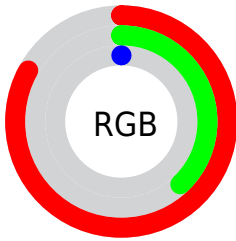
Format	Color
RYB	211, 180, 0
Decimal	13852928
CIELab	54.45, 41.03, 63.27
CIElCh	54, 75.408, 57.035
Yxy	22.3995, 0.5539, 0.3984
Android (android.graphics.Color)	4292043008 (0xFFD36100)
YUV	120.0280, -59.1738, 79.7824
Hunter-Lab	47.3268, 34.6221, 29.7687

Details

The HunterLab color **47.3268, 34.6221, 29.7687** 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 **40.9109, 5.9598, -64.0001**, and the grayscale version is **43.5458, -2.3235, 2.3659**.

A 20% lighter version of the original color is **65.9112, 28.3838, 36.7479**, and **28.8852, 32.0814, 18.3606** is the 20% darker color. If you saturate the color by 10%, you get **47.3276, 34.6195, 29.7691**, and if you desaturate by 10%, it is **49.7136, 29.3558, 30.2950**.

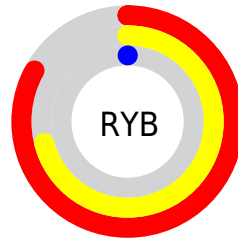
Distribution



Red (83%)

Green (38%)

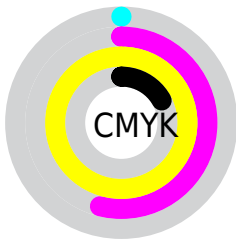
Blue (0%)



Red (83%)

Yellow (71%)

Blue (0%)

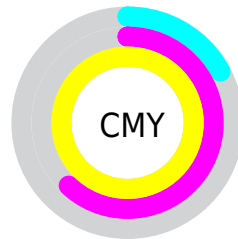


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3268, 34.6221, 29.7687 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 47.3268, 34.6221, 29.7687 by changing the saturation by 10% instead.

47.3268, 34.6221,
29.7687

47.3268, 34.6221,
29.7687

162.6732, 43.4060,
65.6851

37.6175, 33.1394,
24.8592

68.8516, 37.2223,
38.8664

28.6803, 31.5372,
20.0762

80.5800, 38.3632,
43.1061

20.5904, 29.8241,
14.4133

92.9077, 39.4074,
47.1763

13.4480, 28.0681,
9.4136

105.8070, 40.3622,
51.1003

7.0175, 29.4036,
4.9123

119.2534, 41.2341,
54.8978


0.0000, INF, NaN

0.0000, NaN, NaN


133.2257, 42.0287,


58.5855


0.0000, NaN, NaN


 147.7047, 42.7512,
62.1773


0.0000, NaN, NaN


 47.3268, 34.6221,
29.7687


 47.3268, 34.6221,
29.7687


 47.3276, 34.6195,
29.7691

 49.7136, 29.3558,
30.2950

 52.3486, 24.2510,
30.1788

 55.2259, 19.4335,
29.2734

 58.3282, 14.9600,
27.5930

 61.6375, 10.8571,
25.1841

■ 65.1360, 7.1299,
22.1076

■ 68.8071, 3.7696,
18.4285

■ 72.6355, 0.7586,
14.2101

■ 76.6073, -1.9254,
9.5110

Harmonies

Analogous

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



47.3281, 63.4112, 21.8294



47.3268, 34.6221, 29.7687



47.3281, 0.6062, 31.4531

Triad

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



47.3281, 34.6183, 29.7693



47.3281, -48.6774, 5.4261



47.3281, 27.8474, -81.3076

Complementary

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



47.3268, 34.6221, 29.7687



40.9109, 5.9598, -64.0001

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.



47.3281, -5.5824, -96.7692



47.3268, 34.6221, 29.7687



47.3281, -44.8945, -31.2751

Square

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



47.3281, 34.6183, 29.7693



47.3281, -42.9867, 24.2579



47.3281, -30.8775, -74.3546



47.3281, 58.8452, -40.0252

Rectangle

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



47.3268, 34.6221, 29.7687



47.3281, -18.8087, 31.0788



47.3281, -30.8775, -74.3546



47.3281, 16.3029, -90.5197

Sweetspot

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



47.3281, 34.6183, 29.7693



85.1004, 4.8003, 22.9939



38.8729, 69.8171, -0.0498



38.4642, 3.0195, 11.5723

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3281, 34.6183, 29.7693



58.3413, 43.6261, 36.7134



74.4082, -15.9719, 45.5703



35.6244, -0.9620, 4.2730



37.0379, 26.2341, 23.2819



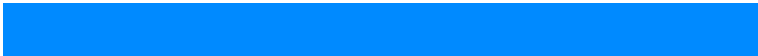
9.6171, 4.2416, 6.0003

Inverse Universe

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



40.9109, 5.9598, -64.0001



50.3289, 8.0569, -80.2993



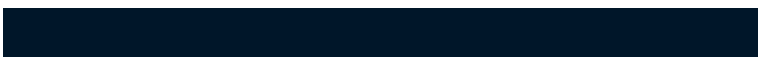
22.2090, 56.5567, -149.8482



35.2996, -2.6856, -0.5399



32.1058, 4.0302, -48.8296



8.5683, -0.7349, -9.1232

Previews

White Background



This preview shows how the HunterLab color 47.3268, 34.6221, 29.7687 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 47.3268, 34.6221, 29.7687 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 47.3268, 34.6221, 29.7687 Background



This preview shows how black text looks on a background with the HunterLab color 47.3268, 34.6221, 29.7687.



This preview shows how white text looks on a background with the HunterLab color 47.3268, 34.6221,

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

47.3268, 34.6221, 29.7687

Protanopia

47.4159, -6.6835, 28.3301

Deuteranopia

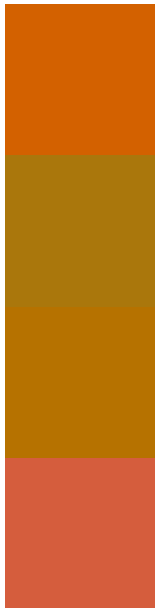
47.3441, 2.8261, 29.2227



Tritanopia

47.3846, 43.2694, 16.1089

Trichromacy



Original Color

47.3268, 34.6221, 29.7687

Protanomaly

46.6543, 7.2744, 28.4335

Deuteranomaly

46.8825, 14.3157, 29.1394

Tritanomaly

47.2353, 39.0100, 24.2475

Monochromacy



Original Color

47.3268, 34.6221, 29.7687

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.4539, 7.0791, 17.5708

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3268, 34.6221, 29.7687 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(211, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 97, 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(211, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 97, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3268, 34.6221, 29.7687 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(211, 97, 0) }
```


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

```
.border{ border-color:rgb(211, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(211, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.3268, 34.6221, 29.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 97, 0) }
```

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

```
.background{ background-color: rgb(211, 97,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor