

Converting Colors

HunterLab(44.4130, 36.2013,
28.0009)

Have a look what the booklet for
HunterLab(44.4130, 36.2013,
28.0009) contains.

HunterLab(44.3326, 36.4051, 27.9548)	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(44.3326, 36.4051,
27.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5700
RGB	204, 87, 0
RGB Percent	80%, 34%, 0%
CMY	0.2000, 0.6588, 1.0000
CMYK	0.00, 0.57, 1.00, 0.20
HSL	26°, 100%, 40%
HSV	26°, 100%, 80%
XYZ	28.3101, 19.6538, 2.3015
YIQ	112.0650, 97.6590, -2.2530

Conversions

Conversions Part 2

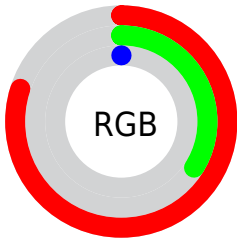
Format	Color
RYB	204, 152, 0
Decimal	13391616
CIELab	51.44, 43.21, 60.98
CIElCh	51, 74.738, 54.682
Yxy	19.6549, 0.5632, 0.3910
Android (android.graphics.Color)	4291581696 (0xFFCC5700)
YUV	112.0650, -55.2480, 80.6270
Hunter-Lab	44.3326, 36.4051, 27.9548

Details

The HunterLab color **44.3326, 36.4051, 27.9548** 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 **41.3301, 2.2169, -56.4442**, and the grayscale version is **40.4580, -2.1587, 2.1982**.

A 20% lighter version of the original color is **63.5326, 33.4763, 35.4815**, and **26.2580, 33.7701, 16.7713** is the 20% darker color. If you saturate the color by 10%, you get **44.3332, 36.4030, 27.9552**, and if you desaturate by 10%, it is **46.6450, 31.1301, 28.4218**.

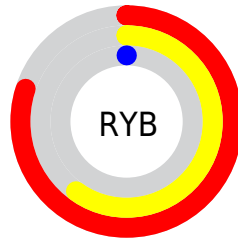
Distribution



Red (80%)

Green (34%)

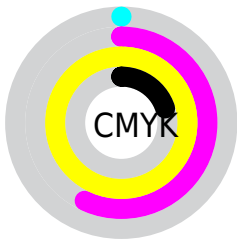
Blue (0%)



Red (80%)

Yellow (60%)

Blue (0%)

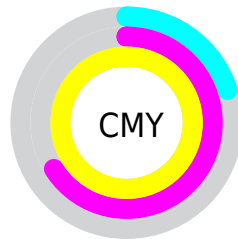


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.3326, 36.4051, 27.9548 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 44.3326, 36.4051, 27.9548 by changing the saturation by 10% instead.

44.3326, 36.4051,
27.9548

44.3326, 36.4051,
27.9548

158.1268, 46.1276,
63.1071

34.8489, 34.8056,
23.1484

65.4506, 39.2371,
36.8920

26.1575, 33.0935,
18.3102

76.9929, 40.4893,
41.0463

18.3400, 31.2965,
12.8380

89.1438, 41.6412,
45.0296

11.5081, 29.5446,
8.0557

101.8741, 42.7000,
48.8662

3.9993, 49.3315,
2.7995

115.1585, 43.6725,
52.5765


0.0000, INF, NaN

0.0000, NaN, NaN


128.9750, 44.5646,


56.1776


0.0000, NaN, NaN


 143.3036, 45.3814,
59.6838


0.0000, NaN, NaN


 44.3326, 36.4051,
27.9548


 44.3326, 36.4051,
27.9548


 44.3332, 36.4030,
27.9552

 46.6450, 31.1301,
28.4218

 49.2299, 25.9530,
28.2844

 52.0784, 21.0186,
27.3990

 55.1698, 16.3965,
25.7878

 58.4827, 12.1213,
23.5035

■ 61.9966, 8.2034,
20.6107

■ 65.6924, 4.6364,
17.1761

■ 69.5528, 1.4040,
13.2626

■ 73.5623, -1.5157,
8.9273

Harmonies

Analogous

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



44.3339, 63.6164, 19.8258



44.3326, 36.4051, 27.9548



44.3339, 3.1383, 29.6979

Triad

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



44.3339, 36.4014, 27.9553



44.3339, -46.6056, 7.2296



44.3339, 24.5501, -82.7148

Complementary

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



44.3326, 36.4051, 27.9548



41.3301, 2.2169, -56.4442

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.



44.3339, -7.6179, -95.1992



44.3326, 36.4051, 27.9548



44.3339, -43.7251, -27.3687

Square

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



44.3339, 36.4014, 27.9553



44.3339, -40.4676, 23.9306



44.3339, -31.1679, -70.3574



44.3339, 55.5908, -42.8129

Rectangle

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



44.3326, 36.4051, 27.9548



44.3339, -16.1337, 29.4847



44.3339, -31.1679, -70.3574



44.3339, 13.3139, -91.0387

Sweetspot

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



44.3339, 36.4014, 27.9553



84.3481, 6.1392, 22.2903



37.6422, 68.0009, -3.1054



38.0726, 3.7257, 11.2180

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.3339, 36.4014, 27.9553



56.6967, 47.7530, 35.7722



69.5542, -12.2089, 42.6451



34.6225, -0.7889, 4.0597



35.4221, 28.2495, 22.3215



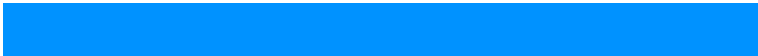
8.9262, 4.3474, 5.5764

Inverse Universe

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



41.3301, 2.2169, -56.4442



52.7762, 3.5835, -73.7013



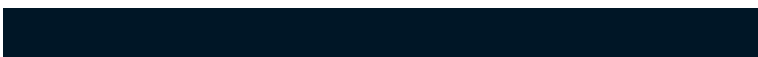
21.8191, 52.6217, -140.8659



34.4881, -2.7646, -0.4072



33.0743, 1.2573, -44.0542



8.4437, -1.2553, -7.8440

Previews

White Background



This preview shows how the HunterLab color 44.3326, 36.4051, 27.9548 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 44.3326, 36.4051, 27.9548 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 44.3326, 36.4051, 27.9548 Background



This preview shows how black text looks on a background with the HunterLab color 44.3326, 36.4051, 27.9548.



This preview shows how white text looks on a background with the HunterLab color 44.3326, 36.4051,

27.9548.

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

44.3326, 36.4051, 27.9548

Protanopia

44.6669, -6.3438, 26.5947

Deuteranopia

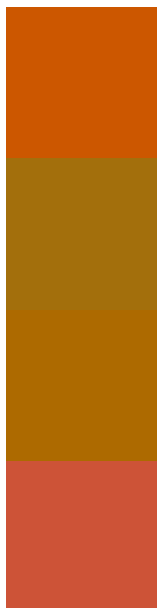
44.4865, 2.6849, 27.4594



Tritanopia

44.3605, 43.3893, 16.3272

Trichromacy



Original Color

44.3326, 36.4051, 27.9548

Protanomaly

43.7972, 8.3518, 26.6630

Deuteranomaly

43.8090, 14.5526, 27.2497

Tritanomaly

44.0925, 40.0758, 23.0110

Monochromacy



Original Color

44.3326, 36.4051, 27.9548

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.2184, 8.0183, 16.1347

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.3326, 36.4051, 27.9548 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(204, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 87, 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(204, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 87, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 44.3326, 36.4051, 27.9548 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(204, 87, 0) }
```


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

```
.border{ border-color:rgb(204, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 44.3326, 36.4051, 27.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 87, 0) }
```

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

```
.background{ background-color: rgb(204, 87,  
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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