

Converting Colors

HunterLab(45.7452, 50.1673,
29.0641)

Have a look what the booklet for
HunterLab(45.7452, 50.1673,
29.0641) contains.

HunterLab(45.6940, 49.9494, 29.0309)	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(45.6940, 49.9494,
29.0309)**

Conversions

Conversions Part 1

Format	Color
Hex	E04B00
RGB	224, 75, 0
RGB Percent	88%, 29%, 0%
CMY	0.1216, 0.7058, 1.0000
CMYK	0.00, 0.67, 1.00, 0.12
HSL	20°, 100%, 44%
HSV	20°, 100%, 88%
XYZ	33.2565, 20.8794, 2.2773
YIQ	111.0010, 112.8790, 8.2630

Conversions

Conversions Part 2

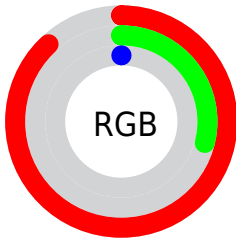
Format	Color
RYB	224, 113, 0
Decimal	14699264
CIELab	52.82, 55.70, 63.55
CIELCh	53, 84.502, 48.765
Yxy	20.8807, 0.5895, 0.3701
Android (android.graphics.Color)	4292889344 (0xFFE04B00)
YUV	111.0010, -54.7235, 99.1001
Hunter-Lab	45.6940, 49.9494, 29.0309

Details

The HunterLab color **45.6940, 49.9494, 29.0309** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **51.8404, -7.3913, -48.8400**, and the grayscale version is **40.0444, -2.1367, 2.1757**.

A 20% lighter version of the original color is **61.2969, 38.6016, 34.0384**, and **27.4567, 46.4109, 17.7312** is the 20% darker color. If you saturate the color by 10%, you get **45.6950, 49.9458, 29.0315**, and if you desaturate by 10%, it is **48.1701, 43.6846, 29.4874**.

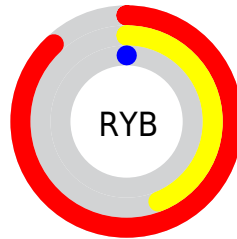
Distribution



Red (88%)

Green (29%)

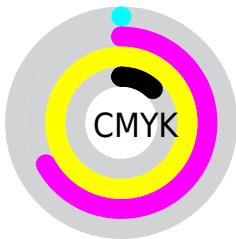
Blue (0%)



Red (88%)

Yellow (44%)

Blue (0%)

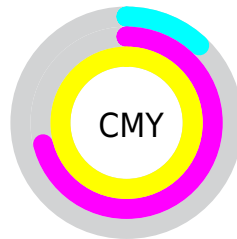


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.6940, 49.9494, 29.0309 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 45.6940, 49.9494, 29.0309 by changing the saturation by 10% instead.

45.6940, 49.9494,
29.0309

45.6940, 49.9494,
29.0309

160.2010, 63.3317,
65.3053

36.1065, 47.9657,
24.0945

66.9991, 53.6035,
38.2387

27.3018, 45.9197,
19.1113

78.6269, 55.2742,
42.5256

19.3586, 43.8959,
13.5510

90.8590, 56.8428,
46.6381

12.3829, 42.1657,
8.6680

103.6668, 58.3142,
50.6002

5.5860, 52.4480,
3.9102

117.0256, 59.6938,
54.4321


0.0000, INF, NaN

0.0000, NaN, NaN


130.9136, 60.9866,


58.1510


0.0000, NaN, NaN


 145.3112, 62.1978,
61.7713


0.0000, NaN, NaN


 45.6940, 49.9494,
29.0309


 45.6940, 49.9494,
29.0309


 45.6950, 49.9458,
29.0315

 48.1701, 43.6846,
29.4874

 51.0874, 37.2275,
29.2733

 54.4219, 30.8444,
28.2545

 58.1351, 24.6977,
26.4801

 62.1870, 18.8830,
24.0341

■ 66.5399, 13.4450,
21.0087

■ 71.1596, 8.3938,
17.4912

■ 76.0158, 3.7181,
13.5579

■ 81.0824, -0.6058,
9.2732

Harmonies

Analogous

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



45.6954, 78.7348, 18.4718



45.6940, 49.9494, 29.0309



45.6954, 11.1979, 31.2443

Triad

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



45.6954, 49.9449, 29.0315



45.6954, -50.9593, 13.1420



45.6954, 20.8853, -106.4751

Complementary

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



45.6940, 49.9494, 29.0309



51.8404, -7.3913, -48.8400

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.



45.6954, -14.6462, -112.5677



45.6940, 49.9494, 29.0309



45.6954, -49.7742, -22.7868

Square

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



45.6954, 49.9449, 29.0315



45.6954, -42.3535, 27.5808



45.6954, -38.4254, -74.8246



45.6954, 58.8195, -61.6102

Rectangle

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



45.6940, 49.9494, 29.0309



45.6954, -12.1046, 31.3017



45.6954, -38.4254, -74.8246



45.6954, 8.0998, -113.9332

Sweetspot

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



45.6954, 49.9449, 29.0315



82.3017, 9.8450, 20.3535



42.4592, 77.8478, -12.3743



37.0101, 5.6809, 10.2442

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.6954, 49.9449, 29.0315



52.7431, 58.3670, 33.5219



71.5866, -4.4926, 44.0326



38.0089, -0.3902, 4.2167



35.1338, 37.3483, 22.3031



10.0828, 7.6513, 6.3469

Inverse Universe

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



51.8404, -7.3913, -48.8400



59.8531, -8.2595, -56.9811



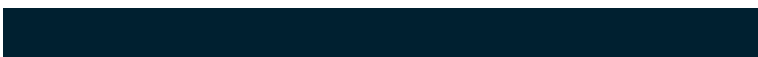
25.9344, 51.8443, -144.3322



38.4170, -3.5289, -0.1377



39.8279, -6.0730, -36.6715



11.2356, -2.7352, -8.1389

Previews

White Background



This preview shows how the HunterLab color 45.6940, 49.9494, 29.0309 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 45.6940, 49.9494, 29.0309 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 45.6940, 49.9494, 29.0309 Background



This preview shows how black text looks on a background with the HunterLab color 45.6940, 49.9494, 29.0309.



This preview shows how white text looks on a background with the HunterLab color 45.6940, 49.9494,

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

45.6940, 49.9494, 29.0309

Protanopia

45.9177, -6.1770, 27.0703

Deuteranopia

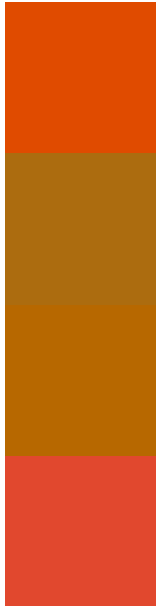
45.7237, 2.7994, 28.2237



Tritanopia

45.6825, 54.6426, 20.9250

Trichromacy



Original Color

45.6940, 49.9494, 29.0309

Protanomaly

44.1931, 13.3885, 26.8596

Deuteranomaly

44.6855, 19.5830, 27.8778

Tritanomaly

45.6503, 52.5170, 25.6919

Monochromacy



Original Color

45.6940, 49.9494, 29.0309

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.8318, 12.9928, 15.8982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.6940, 49.9494, 29.0309 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(224, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 75, 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(224, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 75, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 45.6940, 49.9494, 29.0309 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(224, 75, 0) }
```


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

```
.border{ border-color:rgb(224, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 75, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 45.6940, 49.9494, 29.0309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 75, 0) }
```

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

```
.background{ background-color: rgb(224, 75,  
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