

Converting Colors

HunterLab(45.1745, 54.1250,
28.7839)

Have a look what the booklet for
HunterLab(45.1745, 54.1250,
28.7839) contains.

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Color

**HunterLab(45.2384, 53.9852,
28.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	E34400
RGB	227, 68, 0
RGB Percent	89%, 27%, 0%
CMY	0.1098, 0.7333, 1.0000
CMYK	0.00, 0.70, 1.00, 0.11
HSL	18°, 100%, 45%
HSV	18°, 100%, 89%
XYZ	33.7457, 20.4651, 2.1716
YIQ	107.7890, 116.5920, 12.5600

Conversions

Conversions Part 2

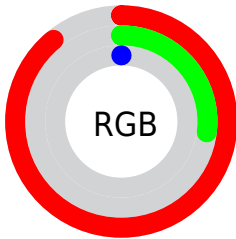
Format	Color
R_{YB}	227, 97, 0
Decimal	14894080
CIE Lab	52.36, 59.39, 63.62
CIE LCh	52, 87.037, 46.969
Yxy	20.4664, 0.5985, 0.3630
Android (android.graphics.Color)	4293084160 (0xFFE34400)
YUV	107.7890, -53.1400, 104.5480
Hunter-Lab	45.2384, 53.9852, 28.8208

Details

The HunterLab color **45.2384, 53.9852, 28.8208** 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 **55.0810, -11.2863, -44.4825**, and the grayscale version is **38.8110, -2.0709, 2.1087**.

A 20% lighter version of the original color is **60.2197, 41.0914, 33.4798**, and **27.7153, 47.4633, 17.9090** is the 20% darker color. If you saturate the color by 10%, you get **45.2395, 53.9813, 28.8214**, and if you desaturate by 10%, it is **47.6636, 47.6388, 29.2150**.

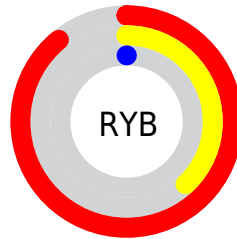
Distribution



Red (89%)

Green (27%)

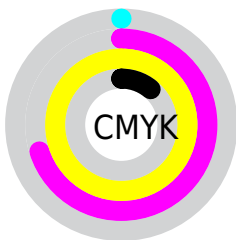
Blue (0%)



Red (89%)

Yellow (38%)

Blue (0%)

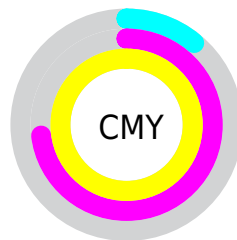


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2384, 53.9852, 28.8208 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 45.2384, 53.9852, 28.8208 by changing the saturation by 10% instead.

45.2384, 53.9852,
28.8208

45.2384, 53.9852,
28.8208

159.5082, 68.4469,
65.1960

35.6854, 51.9001,
23.8864

66.4813, 57.8730,
38.0596

26.9183, 49.7790,
18.8428

78.0807, 59.6663,
42.3598

19.0168, 47.7363,
13.3118

90.2857, 61.3582,
46.4843

12.0888, 46.1259,
8.4621

103.0678, 62.9524,
50.4571

5.1119, 61.6445,
3.5783

116.4018, 64.4537,
54.2986

0.0000, INF, NaN

0.0000, NaN, NaN


130.2660, 65.8667,


58.0263


0.0000, NaN, NaN


 144.6406, 67.1963,
61.6547

0.0000, NaN, NaN


 45.2384, 53.9852,
28.8208


 45.2384, 53.9852,
28.8208


 45.2395, 53.9813,
28.8214

 47.6636, 47.6388,
29.2150

 50.5975, 40.9211,
28.9374

 54.0120, 34.1575,
27.8586

 57.8609, 27.5606,
26.0398

 62.0964, 21.2614,
23.5769

■ 66.6728, 15.3270,
20.5713

■ 71.5492, 9.7793,
17.1154

■ 76.6897, 4.6121,
13.2879

■ 82.0636, -0.1967,
9.1528

Harmonies

Analogous

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



45.2398, 82.7474, 17.5684



45.2384, 53.9852, 28.8208



45.2398, 13.9636, 31.1656

Triad

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



45.2398, 53.9805, 28.8214



45.2398, -51.4399, 14.7568



45.2398, 19.1947, -113.4210

Complementary

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



45.2384, 53.9852, 28.8208



55.0810, -11.2863, -44.4825

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.



45.2398, -16.7534, -116.7973



45.2384, 53.9852, 28.8208



45.2398, -50.8217, -20.7829

Square

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



45.2398, 53.9805, 28.8214



45.2398, -42.1717, 28.1023



45.2398, -40.1025, -74.9566



45.2398, 58.8094, -67.6747

Rectangle

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



45.2384, 53.9852, 28.8208



45.2398, -10.3765, 31.3121



45.2398, -40.1025, -74.9566



45.2398, 6.1355, -120.3377

Sweetspot

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



45.2398, 53.9805, 28.8214



81.5252, 11.2768, 19.6093



43.5475, 80.6221, -18.7292



36.6081, 6.4365, 9.8707

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.2398, 53.9805, 28.8214



51.4625, 62.0430, 32.7971



69.3532, 1.0468, 42.7534



38.8180, -0.2100, 4.2057



34.8056, 40.4807, 22.1557



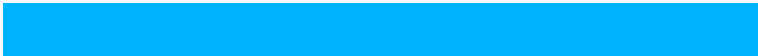
10.2636, 8.8226, 6.4788

Inverse Universe

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



55.0810, -11.2863, -44.4825



62.6904, -12.6416, -51.0679



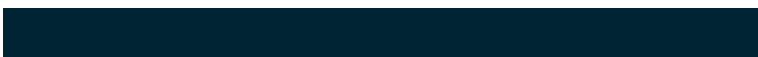
27.8535, 47.1991, -136.7035



39.4576, -3.7997, -0.0118



42.3168, -8.9994, -33.4651



12.1816, -3.4410, -7.7979

Previews

White Background



This preview shows how the HunterLab color 45.2384, 53.9852, 28.8208 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 45.2384, 53.9852, 28.8208 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 45.2384, 53.9852, 28.8208 Background



This preview shows how black text looks on a background with the HunterLab color 45.2384, 53.9852, 28.8208.



This preview shows how white text looks on a background with the HunterLab color 45.2384, 53.9852,

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

45.2384, 53.9852, 28.8208

Protanopia

45.4474, -6.3973, 26.6926

Deuteranopia

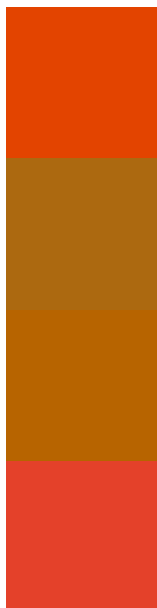
45.2358, 2.5091, 27.9180



Tritanopia

45.2132, 58.0914, 22.1182

Trichromacy



Original Color

45.2384, 53.9852, 28.8208

Protanomaly

43.4870, 14.8505, 26.3881

Deuteranomaly

43.7968, 21.5198, 27.3641

Tritanomaly

45.2125, 56.3074, 25.9730

Monochromacy



Original Color

45.2384, 53.9852, 28.8208

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.5197, 14.8486, 15.3295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2384, 53.9852, 28.8208 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(227, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 68, 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(227, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 68, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2384, 53.9852, 28.8208 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(227, 68, 0) }
```


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

```
.border{ border-color:rgb(227, 68, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 68, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 68, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 68, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 68, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 45.2384, 53.9852, 28.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 68, 0) }
```

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

```
.background{ background-color: rgb(227, 68,  
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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