

Converting Colors

HunterLab(45.6949, 64.0271,
29.2779)

Have a look what the booklet for
HunterLab(45.6949, 64.0271,
29.2779) contains.

HunterLab(45.7132, 63.9702, 29.2881)	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(45.7132, 63.9702,
29.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	EF3500
RGB	239, 53, 0
RGB Percent	94%, 21%, 0%
CMY	0.0627, 0.7921, 1.0000
CMYK	0.00, 0.78, 1.00, 0.06
HSL	13°, 100%, 47%
HSV	13°, 100%, 94%
XYZ	36.8698, 20.8970, 2.0903
YIQ	102.5720, 127.8690, 22.9490

Conversions

Conversions Part 2

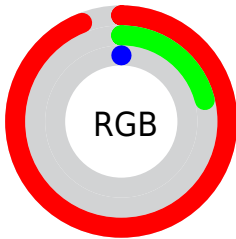
Format	Color
R_{YB}	239, 68, 0
Decimal	15676672
CIE _{Lab}	52.84, 67.94, 65.13
CIE _{LCh}	53, 94.116, 43.791
Yxy	20.8983, 0.6160, 0.3491
Android (android.graphics.Color)	4293866752 (0xFFEF3500)
YUV	102.5720, -50.5680, 119.6474
Hunter-Lab	45.7132, 63.9702, 29.2881

Details

The HunterLab color **45.7132, 63.9702, 29.2881** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **64.2997, -20.5363, -36.0368**, and the grayscale version is **36.8208, -1.9647, 2.0005**.

A 20% lighter version of the original color is **58.1788, 46.0290, 32.2987**, and **29.8064, 51.0444, 19.2602** is the 20% darker color. If you saturate the color by 10%, you get **45.7143, 63.9660, 29.2888**, and if you desaturate by 10%, it is **47.9596, 57.6987, 29.5007**.

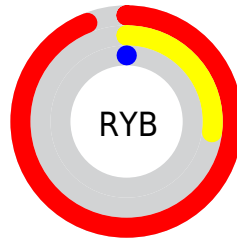
Distribution



Red (94%)

Green (21%)

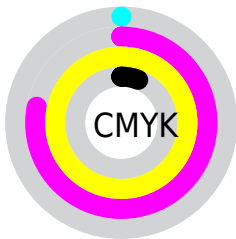
Blue (0%)



Red (94%)

Yellow (27%)

Blue (0%)

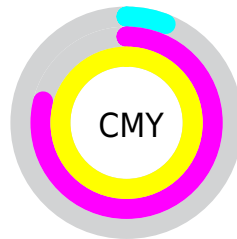


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7132, 63.9702, 29.2881 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 45.7132, 63.9702, 29.2881 by changing the saturation by 10% instead.

45.7132, 63.9702,
29.2881

45.7132, 63.9702,
29.2881

160.2302, 80.6666,
66.3632

36.1243, 61.6989,
24.2856

67.0210, 68.3170,
38.6989

27.3180, 59.4566,
19.1226

78.6500, 70.3598,
43.0826

19.3730, 57.4207,
13.5611

90.8832, 72.3063,
47.2879

12.3954, 56.1023,
8.6768

103.6921, 74.1571,
51.3387

5.6052, 70.5142,
3.9236

117.0520, 75.9148,
55.2555


0.0000, INF, NaN

0.0000, NaN, NaN


130.9409, 77.5830,


59.0558

0.0000, NaN, NaN


 145.3395, 79.1656,
62.7542


0.0000, NaN, NaN


 45.7132, 63.9702,
29.2881


 45.7132, 63.9702,
29.2881


 45.7143, 63.9660,
29.2888

 47.9596, 57.6987,
29.5007

 50.9026, 50.4870,
29.0174

 54.5085, 42.8195,
27.7238

 58.7136, 35.0687,
25.7143

 63.4470, 27.4890,
23.1191

■ 68.6404, 20.2273,
20.0646

■ 74.2321, 13.3504,
16.6573

■ 80.1691, 6.8732,
12.9800

■ 86.4065, 0.7805,
9.0949

Harmonies

Analogous

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



45.7146, 93.5813, 16.2600



45.7132, 63.9702, 29.2881



45.7146, 20.0382, 31.9345

Triad

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



45.7146, 63.9650, 29.2888



45.7146, -53.9172, 18.0683



45.7146, 16.5152, -131.6843

Complementary

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



45.7132, 63.9702, 29.2881



64.2997, -20.5363, -36.0368

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.



45.7146, -21.2733, -129.2931



45.7132, 63.9702, 29.2881



45.7146, -54.3051, -17.6104

Square

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



45.7146, 63.9650, 29.2888



45.7146, -43.1250, 29.6934



45.7146, -44.4505, -77.6361



45.7146, 60.6638, -82.7391

Rectangle

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



45.7132, 63.9702, 29.2881



45.7146, -7.2195, 32.0002



45.7146, -44.4505, -77.6361



45.7146, 2.5408, -137.6148

Sweetspot

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



45.7146, 63.9650, 29.2888



79.8342, 14.4464, 17.9699



46.8485, 87.9071, -29.2465



35.7352, 8.1090, 9.0495

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.7146, 63.9650, 29.2888



49.1356, 69.0662, 31.4863



68.9810, 9.2177, 42.6671



40.4071, 0.2205, 4.1404



34.2168, 46.8284, 21.9041



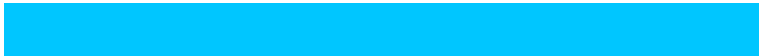
10.5710, 11.4459, 6.7142

Inverse Universe

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



64.2997, -20.5363, -36.0368



69.1439, -22.0130, -38.9042



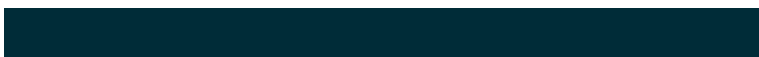
32.1440, 41.6504, -130.0881



41.5925, -4.4099, 0.2898



48.0120, -15.5624, -26.4161



14.3610, -5.1923, -6.7412

Previews

White Background



This preview shows how the HunterLab color 45.7132, 63.9702, 29.2881 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 45.7132, 63.9702, 29.2881 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 45.7132, 63.9702, 29.2881 Background



This preview shows how black text looks on a background with the HunterLab color 45.7132, 63.9702, 29.2881.



This preview shows how white text looks on a background with the HunterLab color 45.7132, 63.9702,

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

45.7132, 63.9702, 29.2881

Protanopia

45.9372, -6.0687, 26.7821

Deuteranopia

45.7237, 2.7994, 28.2237



Tritanopia

45.8658, 66.2663, 25.5216

Trichromacy



Original Color

45.7132, 63.9702, 29.2881

Protanomaly

43.1544, 19.7245, 26.1506

Deuteranomaly

43.8002, 25.9221, 27.4433

Tritanomaly

45.8227, 65.4210, 27.6129

Monochromacy



Original Color

45.7132, 63.9702, 29.2881

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.8317, 18.8088, 14.7277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.7132, 63.9702, 29.2881 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(239, 53, 0)` looks like.

```
.text, #text, p{  
    color:rgb(239, 53, 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(239, 53, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 53, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 45.7132, 63.9702, 29.2881 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(239, 53, 0) }
```


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

```
.border{ border-color:rgb(239, 53, 0) }
```

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

Here you see how a box with a 4 pixel rgb(239, 53, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 53, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 53, 0);  
box-shadow:4px 4px 4px 4px rgb(239, 53, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 45.7132, 63.9702, 29.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 53, 0) }
```

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

```
.background{ background-color: rgb(239, 53,  
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