

Converting Colors

HunterLab(50.3389, 45.2811,
31.8093)

Have a look what the booklet for
HunterLab(50.3389, 45.2811,
31.8093) contains.

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Color

**HunterLab(50.3280, 45.3081,
31.8051)**

Conversions

Conversions Part 1

Format	Color
Hex	E95E00
RGB	233, 94, 0
RGB Percent	91%, 37%, 0%
CMY	0.0863, 0.6313, 1.0000
CMYK	0.00, 0.60, 1.00, 0.09
HSL	24°, 100%, 46%
HSV	24°, 100%, 91%
XYZ	37.6070, 25.3291, 2.9069
YIQ	124.8450, 113.0180, 0.2340

Conversions

Conversions Part 2

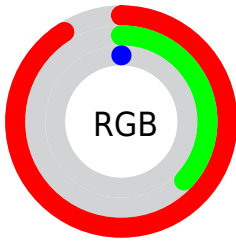
Format	Color
R_{YB}	233, 158, 0
Decimal	15293952
CIE _{Lab}	57.40, 50.71, 66.77
CIE _{LCh}	57, 83.840, 52.784
Yxy	25.3305, 0.5711, 0.3847
Android (android.graphics.Color)	4293484032 (0xFFE95E00)
YUV	124.8450, -61.5486, 94.8519
Hunter-Lab	50.3280, 45.3081, 31.8051

Details

The HunterLab color **50.3280, 45.3081, 31.8051** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **49.3426, 0.2542, -62.2223**, and the grayscale version is **45.4286, -2.4240, 2.4682**.

A 20% lighter version of the original color is **65.4381, 29.4659, 36.3073**, and **31.3389, 42.3006, 20.0514** is the 20% darker color. If you saturate the color by 10%, you get **50.3289, 45.3049, 31.8056**, and if you desaturate by 10%, it is **53.0023, 38.9757, 32.4173**.

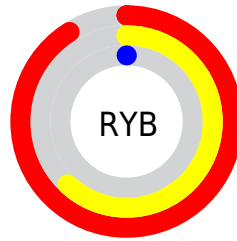
Distribution



Red (91%)

Green (37%)

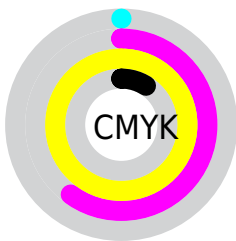
Blue (0%)



Red (91%)

Yellow (62%)

Blue (0%)

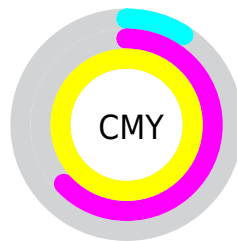


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3280, 45.3081, 31.8051 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 50.3280, 45.3081, 31.8051 by changing the saturation by 10% instead.

50.3280, 45.3081,
31.8051

50.3280, 45.3081,
31.8051

167.1766, 56.8499,
69.0846

40.4023, 43.5209,
26.7445

72.2447, 48.5370,
41.2165

31.2303, 41.6353,
21.8612

84.1529, 49.9936,
45.6139

22.8817, 39.6817,
16.0172

96.6518, 51.3509,
49.8401

15.4474, 37.7731,
10.8132

109.7147, 52.6151,
53.9176

9.0487, 36.3770,
6.3341

123.3183, 53.7920,
57.8657

0.0000, INF, NaN

0.0000, NaN, NaN

137.4418, 54.8869,

61.7006

0.0000, NaN, NaN

152.0668, 55.9047,
65.4363

0.0000, NaN, NaN

50.3280, 45.3081,
31.8051

50.3280, 45.3081,
31.8051

50.3289, 45.3049,
31.8056

53.0023, 38.9757,
32.4173

56.0334, 32.6948,
32.2983

59.4057, 26.6554,
31.3049

63.0909, 20.9600,
29.4666

67.0601, 15.6627,
26.8514

■ 71.2851, 10.7829,
23.5412

■ 75.7403, 6.3167,
19.6186

■ 80.4027, 2.2459,
15.1607

■ 85.2517, -1.4555,
10.2359

Harmonies

Analogous

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



50.3294, 76.4398, 21.8808



50.3280, 45.3081, 31.8051



50.3294, 6.1256, 33.9227

Triad

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



50.3294, 45.3037, 31.8057



50.3294, -53.8822, 10.1946



50.3294, 26.3926, -100.5742

Complementary

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



50.3280, 45.3081, 31.8051



49.3426, 0.2542, -62.2223

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.



50.3294, -10.9343, -112.6649



50.3280, 45.3081, 31.8051



50.3294, -51.2306, -29.2352

Square

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



50.3294, 45.3037, 31.8057



50.3294, -46.1439, 28.2374



50.3294, -37.5178, -80.5957



50.3294, 63.5872, -54.0604

Rectangle

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



50.3280, 45.3081, 31.8051



50.3294, -16.8467, 33.7906



50.3294, -37.5178, -80.5957



50.3294, 13.2323, -109.6926

Sweetspot

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



50.3294, 45.3037, 31.8057



83.8300, 7.0684, 21.8032



43.8306, 79.3671, -5.0605



37.8032, 4.2159, 10.9729

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3294, 45.3037, 31.8057



55.6212, 50.5387, 35.1583



79.5416, -12.2337, 48.7989



40.0645, -0.7690, 4.6683



38.2113, 33.3475, 24.1294



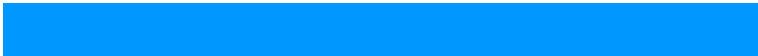
11.5357, 7.3047, 7.2361

Inverse Universe

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



49.3426, 0.2542, -62.2223



54.5111, 0.5414, -69.3029



25.5110, 60.4531, -162.3869



40.0540, -3.3436, -0.4266



37.5021, -0.3797, -46.0547



11.3674, -1.5151, -10.9376

Previews

White Background



This preview shows how the HunterLab color 50.3280, 45.3081, 31.8051 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 50.3280, 45.3081, 31.8051 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 50.3280, 45.3081, 31.8051 Background



This preview shows how black text looks on a background with the HunterLab color 50.3280, 45.3081, 31.8051.



This preview shows how white text looks on a background with the HunterLab color 50.3280, 45.3081,

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

50.3280, 45.3081, 31.8051

Protanopia

50.5915, -7.0409, 30.1010

Deuteranopia

50.3454, 3.3538, 31.0813



Tritanopia

50.2682, 52.8081, 19.6849

Trichromacy



Original Color

50.3280, 45.3081, 31.8051

Protanomaly

49.3870, 10.9291, 30.0808

Deuteranomaly

49.6917, 18.0862, 30.9364

Tritanomaly

50.1204, 48.9671, 26.8465

Monochromacy



Original Color

50.3280, 45.3081, 31.8051

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.2839, 10.5281, 18.1513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3280, 45.3081, 31.8051 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(233, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(233, 94, 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(233, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3280, 45.3081, 31.8051 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(233, 94, 0) }
```


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

```
.border{ border-color:rgb(233, 94, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(233, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.3280, 45.3081, 31.8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 94, 0) }
```

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

```
.background{ background-color: rgb(233, 94,  
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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