

Converting Colors

HunterLab(49.9629, 45.4471,
31.5826)

Have a look what the booklet for
HunterLab(49.9629, 45.4471,
31.5826) contains.

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Color

**HunterLab(49.9845, 45.3475,
31.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	E85D00
RGB	232, 93, 0
RGB Percent	91%, 36%, 0%
CMY	0.0902, 0.6353, 1.0000
CMYK	0.00, 0.60, 1.00, 0.09
HSL	24°, 100%, 45%
HSV	24°, 100%, 91%
XYZ	37.1931, 24.9845, 2.8622
YIQ	123.9590, 112.6970, 0.5450

Conversions

Conversions Part 2

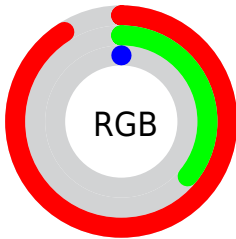
Format	Color
R_{YB}	232, 155, 0
Decimal	15228160
CIE _{Lab}	57.06, 50.80, 66.50
CIE _{LCh}	57, 83.680, 52.624
Yxy	24.9859, 0.5718, 0.3842
Android (android.graphics.Color)	4293418240 (0xFFE85D00)
YUV	123.9590, -61.1118, 94.7520
Hunter-Lab	49.9845, 45.3475, 31.5941

Details

The HunterLab color **49.9845, 45.3475, 31.5941** 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 **49.2850, -0.0595, -61.4730**, and the grayscale version is **45.0807, -2.4054, 2.4493**.

A 20% lighter version of the original color is **65.1990, 29.9848, 36.1525**, and **31.0612, 42.2455, 19.8793** is the 20% darker color. If you saturate the color by 10%, you get **49.9854, 45.3445, 31.5946**, and if you desaturate by 10%, it is **52.6447, 39.0335, 32.1976**.

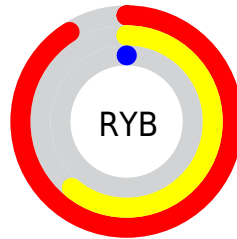
Distribution



Red (91%)

Green (36%)

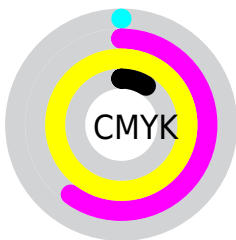
Blue (0%)



Red (91%)

Yellow (61%)

Blue (0%)

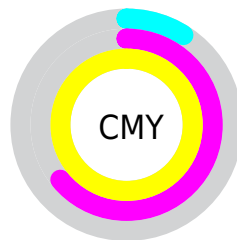


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9845, 45.3475, 31.5941 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 49.9845, 45.3475, 31.5941 by changing the saturation by 10% instead.

49.9845, 45.3475,
31.5941

49.9845, 45.3475,
31.5941

166.6637, 56.9433,
68.7844

40.0831, 43.5537,
26.5422

71.8571, 48.5898,
40.9866

30.9375, 41.6625,
21.6562

83.7450, 50.0529,
45.3739

22.6178, 39.7059,
15.8324

96.2247, 51.4164,
49.5901

15.2160, 37.8023,
10.6512

109.2691, 52.6867,
53.6574

8.8418, 36.5436,
6.1893

122.8550, 53.8693,
57.5953


0.0000, INF, NaN

0.0000, NaN, NaN


136.9614, 54.9698,


61.4201


0.0000, NaN, NaN


 151.5699, 55.9930,
65.1459


0.0000, NaN, NaN


 49.9845, 45.3475,
31.5941

 49.9845, 45.3475,
31.5941


 49.9854, 45.3445,
31.5946

 52.6447, 39.0335,
32.1976

 55.6634, 32.7636,
32.0751

 59.0247, 26.7293,
31.0837

 62.7001, 21.0346,
29.2538

 66.6602, 15.7347,
26.6537

■ 70.8770, 10.8496,
23.3654

■ 75.3244, 6.3756,
19.4715

■ 79.9791, 2.2950,
15.0486

■ 84.8208, -1.4184,
10.1650

Harmonies

Analogous

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



49.9859, 76.2874, 21.6764



49.9845, 45.3475, 31.5941



49.9859, 6.3079, 33.7084

Triad

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



49.9859, 45.3431, 31.5947



49.9859, -53.5982, 10.2923



49.9859, 26.0854, -100.4771

Complementary

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



49.9845, 45.3475, 31.5941



49.2850, -0.0595, -61.4730

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.



49.9859, -11.0555, -112.2991



49.9845, 45.3475, 31.5941



49.9859, -51.0169, -28.8787

Square

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



49.9859, 45.3431, 31.5947



49.9859, -45.8468, 28.1327



49.9859, -37.4439, -80.1093



49.9859, 63.1952, -54.1752

Rectangle

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



49.9845, 45.3475, 31.5941



49.9859, -16.6037, 33.5856



49.9859, -37.4439, -80.1093



49.9859, 12.9803, -109.5030

Sweetspot

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



49.9859, 45.3431, 31.5947



83.7722, 7.1723, 21.7488



43.6185, 78.9844, -5.0468



37.7732, 4.2707, 10.9455

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9859, 45.3431, 31.5947



55.5044, 50.8457, 35.0917



79.1571, -12.1770, 48.5629



39.1300, -0.7412, 4.5458



37.5527, 32.9804, 23.7172



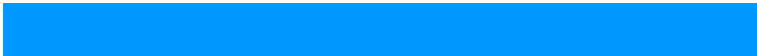
11.0453, 6.9050, 6.9269

Inverse Universe

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



49.2850, -0.0595, -61.4730



54.7068, 0.2044, -68.8200



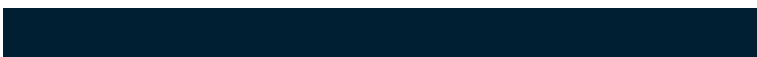
25.3912, 60.1429, -161.5673



39.1358, -3.2769, -0.4004



37.0643, -0.6285, -44.9704



10.9357, -1.5745, -10.2697

Previews

White Background



This preview shows how the HunterLab color 49.9845, 45.3475, 31.5941 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 49.9845, 45.3475, 31.5941 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 49.9845, 45.3475, 31.5941 Background



This preview shows how black text looks on a background with the HunterLab color 49.9845, 45.3475, 31.5941.



This preview shows how white text looks on a background with the HunterLab color 49.9845, 45.3475,

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

49.9845, 45.3475, 31.5941

Protanopia

50.2070, -6.9414, 29.8585

Deuteranopia

50.2307, 2.9684, 31.0039



Tritanopia

50.0815, 52.3292, 19.7891

Trichromacy



Original Color

49.9845, 45.3475, 31.5941

Protanomaly

49.0111, 11.0148, 29.8465

Deuteranomaly

49.3201, 18.1657, 30.7088

Tritanomaly

49.7837, 49.0063, 26.6066

Monochromacy



Original Color

49.9845, 45.3475, 31.5941

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.9013, 10.5534, 18.0852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9845, 45.3475, 31.5941 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(232, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 93, 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(232, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 93, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9845, 45.3475, 31.5941 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(232, 93, 0) }
```


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

```
.border{ border-color:rgb(232, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(232, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.9845, 45.3475, 31.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 93, 0) }
```

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

```
.background{ background-color: rgb(232, 93,  
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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