

Converting Colors

HunterLab(46.5174, 50.3377,
29.5450)

Have a look what the booklet for
HunterLab(46.5174, 50.3377,
29.5450) contains.

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Color

**HunterLab(46.5174, 50.3377,
29.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	E34D00
RGB	227, 77, 0
RGB Percent	89%, 30%, 0%
CMY	0.1098, 0.6980, 1.0000
CMYK	0.00, 0.66, 1.00, 0.11
HSL	20°, 100%, 45%
HSV	20°, 100%, 89%
XYZ	34.3325, 21.6387, 2.3672
YIQ	113.0720, 114.1170, 7.8530

Conversions

Conversions Part 2

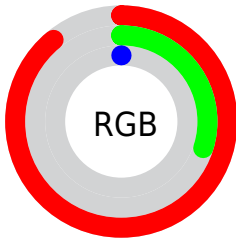
Format	Color
RYB	227, 117, 0
Decimal	14896384
CIELab	53.64, 55.91, 64.25
CIElCh	54, 85.169, 48.973
Yxy	21.6400, 0.5885, 0.3709
Android (android.graphics.Color)	4293086464 (0xFFE34D00)
YUV	113.0720, -55.7445, 99.9149
Hunter-Lab	46.5174, 50.3377, 29.5450

Details

The HunterLab color **46.5174, 50.3377, 29.5450** 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 **52.3039, -6.9961, -50.2723**, and the grayscale version is **40.8424, -2.1793, 2.2190**.

A 20% lighter version of the original color is **61.7336, 37.5823, 34.3208**, and **28.1753, 46.8650, 18.1820** is the 20% darker color. If you saturate the color by 10%, you get **46.5182, 50.3346, 29.5455**, and if you desaturate by 10%, it is **49.0381, 43.9793, 30.0255**.

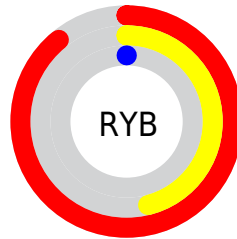
Distribution



Red (89%)

Green (30%)

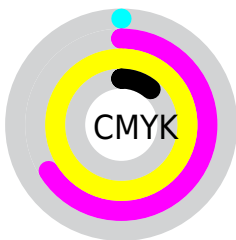
Blue (0%)



Red (89%)

Yellow (46%)

Blue (0%)

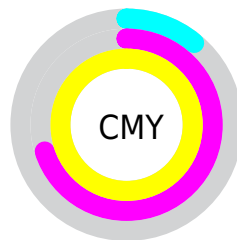


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5174, 50.3377, 29.5450 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 46.5174, 50.3377, 29.5450 by changing the saturation by 10% instead.

46.5174, 50.3377,
29.5450

46.5174, 50.3377,
29.5450

161.4498, 63.7103,
66.0655

36.8681, 48.3554,
24.5715

67.9339, 53.9874,
38.8059

27.9962, 46.3081,
19.5973

79.6127, 55.6562,
43.1205

19.9784, 44.2739,
13.9849

91.8933, 57.2234,
47.2611

12.9180, 42.5021,
9.0426

104.7474, 58.6937,
51.2512

6.3505, 48.2569,
4.4454

118.1506, 60.0726,
55.1109


0.0000, INF, NaN

0.0000, NaN, NaN


132.0813, 61.3651,


58.8573


0.0000, NaN, NaN


 146.5201, 62.5761,
62.5048

0.0000, NaN, NaN


 46.5174, 50.3377,
29.5450


 46.5174, 50.3377,
29.5450


 46.5182, 50.3346,
29.5455

 49.0381, 43.9793,
30.0255

 52.0006, 37.4436,
29.8205

 55.3809, 30.9949,
28.7952

 59.1406, 24.7937,
26.9979

 63.2400, 18.9337,
24.5126

■ 67.6415, 13.4585,
21.4323

■ 72.3109, 8.3774,
17.8453

■ 77.2181, 3.6780,
13.8292

■ 82.3370, -0.6636,
9.4496

Harmonies

Analogous

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



46.5188, 79.6116, 18.8856



46.5174, 50.3377, 29.5450



46.5188, 11.0742, 31.7709

Triad

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



46.5188, 50.3332, 29.5456



46.5188, -51.7634, 13.1717



46.5188, 21.4328, -107.4982

Complementary

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



46.5174, 50.3377, 29.5450



52.3039, -6.9961, -50.2723

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.



46.5188, -14.6488, -113.9941



46.5174, 50.3377, 29.5450



46.5188, -50.4913, -23.4040

Square

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



46.5188, 50.3332, 29.5456



46.5188, -43.0895, 27.9798



46.5188, -38.8778, -76.0743



46.5188, 59.8146, -61.9763

Rectangle

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



46.5174, 50.3377, 29.5450



46.5188, -12.5054, 31.8181



46.5188, -38.8778, -76.0743



46.5188, 8.4634, -115.1414

Sweetspot

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



46.5188, 50.3332, 29.5456



82.3986, 9.6674, 20.4460



43.1001, 79.0187, -12.5310



37.0603, 5.5872, 10.2907

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.5188, 50.3332, 29.5456



52.9118, 57.8921, 33.6175



72.6621, -4.5464, 44.6944



38.9399, -0.4180, 4.3389



35.7971, 37.6828, 22.7177



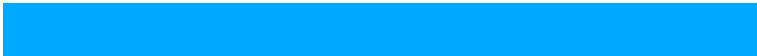
10.5551, 8.0857, 6.6456

Inverse Universe

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



52.3039, -6.9961, -50.2723



59.5048, -7.7088, -57.7346



26.3095, 52.6950, -146.6374



39.3315, -3.5953, -0.1637



40.2227, -5.7831, -37.7908



11.6873, -2.7209, -8.7345

Previews

White Background



This preview shows how the HunterLab color 46.5174, 50.3377, 29.5450 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 46.5174, 50.3377, 29.5450 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 46.5174, 50.3377, 29.5450 Background



This preview shows how black text looks on a background with the HunterLab color 46.5174, 50.3377, 29.5450.



This preview shows how white text looks on a background with the HunterLab color 46.5174, 50.3377, 29.5450.

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

46.5174, 50.3377, 29.5450

Protanopia

46.6757, -6.3744, 27.5521

Deuteranopia

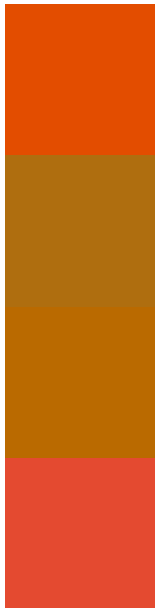
46.4763, 2.6228, 28.6844



Tritanopia

46.5153, 55.1434, 21.1431

Trichromacy



Original Color

46.5174, 50.3377, 29.5450

Protanomaly

45.0559, 13.6248, 27.4070

Deuteranomaly

45.5491, 19.8426, 28.4145

Tritanomaly

46.4811, 52.9799, 26.0021

Monochromacy



Original Color

46.5174, 50.3377, 29.5450

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.5614, 12.8662, 16.2572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5174, 50.3377, 29.5450 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, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 77, 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, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 77, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5174, 50.3377, 29.5450 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, 77, 0) }
```


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

```
.border{ border-color:rgb(227, 77, 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, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.5174, 50.3377, 29.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 77, 0) }
```

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

```
.background{ background-color: rgb(227, 77,  
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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