

Converting Colors

HunterLab(48.5109, 47.0891,
30.7164)

Have a look what the booklet for
HunterLab(48.5109, 47.0891,
30.7164) contains.

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Color

**HunterLab(48.4504, 46.8155,
30.6745)**

Conversions

Conversions Part 1

Format	Color
Hex	E55700
RGB	229, 87, 0
RGB Percent	90%, 34%, 0%
CMY	0.1020, 0.6588, 1.0000
CMYK	0.00, 0.62, 1.00, 0.10
HSL	23°, 100%, 45%
HSV	23°, 100%, 90%
XYZ	35.7213, 23.4744, 2.6483
YIQ	119.5400, 112.5590, 3.0470

Conversions

Conversions Part 2

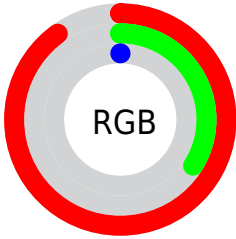
Format	Color
RYB	229, 140, 0
Decimal	15030016
CIELab	55.56, 52.38, 65.43
CIElCh	56, 83.815, 51.317
Yxy	23.4758, 0.5776, 0.3796
Android (android.graphics.Color)	4293220096 (0xFFE55700)
YUV	119.5400, -58.9332, 95.9964
Hunter-Lab	48.4504, 46.8155, 30.6745

Details

The HunterLab color **48.4504, 46.8155, 30.6745** 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 **50.0015, -2.4857, -57.1314**, and the grayscale version is **43.3522, -2.3132, 2.3554**.

A 20% lighter version of the original color is **64.0126, 32.5300, 35.5211**, and **29.7961, 43.4473, 19.1208** is the 20% darker color. If you saturate the color by 10%, you get **48.4513, 46.8123, 30.6750**, and if you desaturate by 10%, it is **51.0561, 40.5007, 31.2340**.

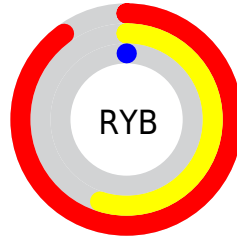
Distribution



Red (90%)

Green (34%)

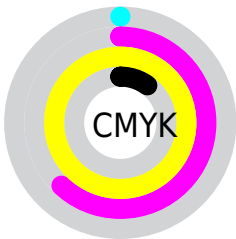
Blue (0%)



Red (90%)

Yellow (55%)

Blue (0%)

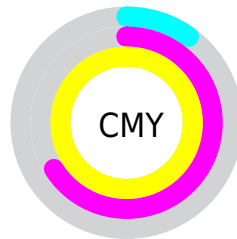


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4504, 46.8155, 30.6745 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 48.4504, 46.8155, 30.6745 by changing the saturation by 10% instead.

48.4504, 46.8155,
30.6745

48.4504, 46.8155,
30.6745

164.3652, 59.0058,
67.5300

38.6590, 44.9556,
25.6543

70.1237, 50.1971,
39.9987

29.6327, 43.0073,
20.7429

81.9202, 51.7295,
44.3493

21.4443, 41.0167,
15.0110

94.3127, 53.1613,
48.5275

14.1905, 39.1425,
9.9334

107.2739, 54.4982,
52.5565

7.8449, 39.3579,
5.4914

120.7798, 55.7459,
56.4558

0.0000, INF, NaN

0.0000, NaN, NaN


134.8092, 56.9099,


60.2421


0.0000, NaN, NaN


 149.3433, 57.9950,
63.9295


0.0000, NaN, NaN


 48.4504, 46.8155,
30.6745


 48.4504, 46.8155,
30.6745


 48.4513, 46.8123,
30.6750

 51.0561, 40.5007,
31.2340

 54.0447, 34.1641,
31.0867

 57.3976, 28.0185,
30.0924

 61.0832, 22.1837,
28.2874

 65.0691, 16.7254,
25.7450

■ 69.3244, 11.6702,
22.5502

■ 73.8207, 7.0180,
18.7874

■ 78.5327, 2.7526,
14.5331

■ 83.4384, -1.1515,
9.8544

Harmonies

Analogous

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



48.4518, 76.9760, 20.5595



48.4504, 46.8155, 30.6745



48.4518, 7.9490, 32.8095

Triad

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



48.4518, 46.8111, 30.6751



48.4518, -52.6308, 11.3075



48.4518, 24.2592, -102.2587

Complementary

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



48.4504, 46.8155, 30.6745



50.0015, -2.4857, -57.1314

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.



48.4518, -12.2947, -112.1709



48.4504, 46.8155, 30.6745



48.4518, -50.5456, -26.7311

Square

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



48.4518, 46.8111, 30.6751



48.4518, -44.5872, 27.9571



48.4518, -37.7603, -78.1786



48.4518, 61.6042, -56.5156

Rectangle

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



48.4504, 46.8155, 30.6745



48.4518, -15.0498, 32.7522



48.4518, -37.7603, -78.1786



48.4518, 11.2767, -110.7533

Sweetspot

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



48.4518, 46.8111, 30.6751



83.3035, 8.0189, 21.3060



43.2474, 78.7913, -8.7160



37.5297, 4.7174, 10.7228

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.4518, 46.8111, 30.6751



54.5786, 53.3093, 34.5643



75.6701, -8.3109, 46.4820



39.0653, -0.6315, 4.4755



36.9279, 34.6191, 23.3609



10.8739, 7.3100, 6.8284

Inverse Universe

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



50.0015, -2.4857, -57.1314



56.3142, -2.5187, -64.9506



25.7159, 56.4832, -154.0730



39.2022, -3.3851, -0.3199



38.1231, -2.4016, -42.4661



11.1886, -1.9678, -9.7368

Previews

White Background



This preview shows how the HunterLab color 48.4504, 46.8155, 30.6745 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 48.4504, 46.8155, 30.6745 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 48.4504, 46.8155, 30.6745 Background



This preview shows how black text looks on a background with the HunterLab color 48.4504, 46.8155, 30.6745.



This preview shows how white text looks on a background with the HunterLab color 48.4504, 46.8155,

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

48.4504, 46.8155, 30.6745

Protanopia

48.6738, -6.5445, 28.8906

Deuteranopia

48.5940, 2.9416, 29.9949



Tritanopia

48.5239, 53.3145, 20.0761

Trichromacy



Original Color

48.4504, 46.8155, 30.6745

Protanomaly

47.2660, 11.8401, 28.7655

Deuteranomaly

47.6075, 18.9710, 29.6676

Tritanomaly

48.2549, 50.2605, 26.1733

Monochromacy



Original Color

48.4504, 46.8155, 30.6745

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.2672, 11.5962, 17.4945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4504, 46.8155, 30.6745 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(229, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 87, 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(229, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 87, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4504, 46.8155, 30.6745 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(229, 87, 0) }
```


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

```
.border{ border-color:rgb(229, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(229, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.4504, 46.8155, 30.6745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 87, 0) }
```

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

```
.background{ background-color: rgb(229, 87,  
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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