

Converting Colors

HunterLab(48.5831, 47.9851,
29.3581)

Have a look what the booklet for
HunterLab(48.5831, 47.9851,
29.3581) contains.

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Color

**HunterLab(48.5461, 48.0849,
29.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	E6561D
RGB	230, 86, 29
RGB Percent	90%, 34%, 11%
CMY	0.0980, 0.6627, 0.8863
CMYK	0.00, 0.63, 0.87, 0.10
HSL	17°, 80%, 51%
HSV	17°, 87%, 90%
XYZ	36.1826, 23.5672, 3.8042
YIQ	122.5580, 104.1210, 12.8010

Conversions

Conversions Part 2

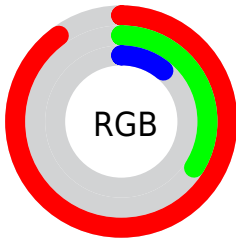
Format	Color
RYB	230, 109, 29
Decimal	15095325
CIELab	55.65, 53.53, 58.15
CIELCh	56, 79.038, 47.374
Yxy	23.5686, 0.5693, 0.3708
Android (android.graphics.Color)	4293285405 (0xFFE6561D)
YUV	122.5580, -46.1241, 94.2266
Hunter-Lab	48.5461, 48.0849, 29.3361

Details

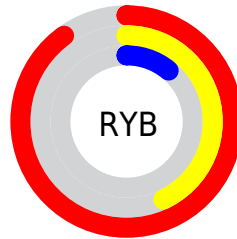
The HunterLab color **48.5461, 48.0849, 29.3361** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **59.8817, -16.1671, -37.5068**, and the grayscale version is **44.4798, -2.3733, 2.4167**.

A 20% lighter version of the original color is **63.9445, 33.8486, 32.9579**, and **29.7419, 44.5499, 19.1067** is the 20% darker color. If you saturate the color by 10%, you get **45.9979, 54.6528, 29.0783**, and if you desaturate by 10%, it is **51.6423, 41.1513, 28.8121**.

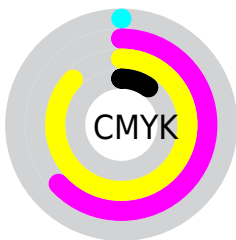
Distribution



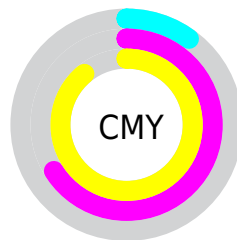
- Red (90%)
- Green (34%)
- Blue (11%)



- Red (90%)
- Yellow (43%)
- Blue (11%)



- Cyan (0%)
- Magenta (63%)
- Yellow (87%)
- Black (10%)



- Cyan (10%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5461, 48.0849, 29.3361 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 48.5461, 48.0849, 29.3361 by changing the saturation by 10% instead.

48.5461, 48.0849,
29.3361

48.5461, 48.0849,
29.3361

164.5090, 60.6020,
62.5269

38.7478, 46.1911,
24.7995

70.2320, 51.5395,
37.7179

29.7139, 44.2133,
20.3371

82.0342, 53.1091,
41.6248

21.5172, 42.2021,
15.0621

94.4322, 54.5780,
45.3795

14.2541, 40.3273,
9.9779

107.3986, 55.9518,
49.0042

7.9111, 40.4969,
5.5378

120.9095, 57.2360,
52.5172

0.0000, INF, NaN

0.0000, NaN, NaN

134.9438, 58.4359,

55.9339

0.0000, NaN, NaN

149.4826, 59.5564,
59.2669

0.0000, NaN, NaN

48.5461, 48.0849,
29.3361

48.5461, 48.0849,
29.3361

45.9979, 54.6528,
29.0783

51.6423, 41.1513,
28.8121

45.4206, 56.2405,
28.9725

55.2409, 34.1808,
27.4928

59.2920, 27.3861,
25.4597

63.7435, 20.8983,
22.8187

68.5469, 14.7823,
19.6744

■ 73.6586, 9.0570,
16.1187

■ 79.0411, 3.7135,
12.2275

■ 84.6625, -1.2726,
8.0610

■ 90.4957, -5.9328,
3.6667

Harmonies

Analogous

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



48.5475, 73.6957, 17.3914



48.5461, 48.0849, 29.3361



48.5475, 12.0173, 32.3213

Triad

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



48.5475, 48.0805, 29.3368



48.5475, -50.1715, 14.0385



48.5475, 17.7683, -96.9533

Complementary

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



48.5461, 48.0849, 29.3361



59.8817, -16.1671, -37.5068

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.



48.5475, -15.6568, -100.3269



48.5461, 48.0849, 29.3361



48.5475, -49.4028, -18.9689

Square

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



48.5475, 48.0805, 29.3368



48.5475, -40.9088, 28.2784



48.5475, -38.4234, -65.7208



48.5475, 53.2443, -58.2927

Rectangle

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



48.5461, 48.0849, 29.3361



48.5475, -10.4447, 32.4528



48.5475, -38.4234, -65.7208



48.5475, 5.7918, -102.8685

Sweetspot

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



48.5475, 48.0805, 29.3368



83.5413, 9.4119, 17.5953



45.5200, 79.6249, -22.0844



37.7008, 5.3600, 8.8139

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.5475, 48.0805, 29.3368



50.9281, 63.6153, 32.4954



72.2628, -1.6965, 43.5445



38.7689, -0.1261, 4.1520



34.4375, 41.5481, 21.9476



10.1515, 9.1132, 6.4149

Inverse Universe

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



59.8817, -16.1671, -37.5068



63.9948, -14.5983, -48.4745



32.6812, 36.4386, -115.0385



39.5085, -3.8821, 0.0493



43.1737, -10.2759, -31.7807



12.3831, -3.7277, -7.4307

Previews

White Background



This preview shows how the HunterLab color 48.5461, 48.0849, 29.3361 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 48.5461, 48.0849, 29.3361 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 48.5461, 48.0849, 29.3361 Background



This preview shows how black text looks on a background with the HunterLab color 48.5461, 48.0849, 29.3361.



This preview shows how white text looks on a background with the HunterLab color 48.5461, 48.0849,

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

48.5461, 48.0849, 29.3361

Protanopia

48.6768, -6.3319, 27.3284

Deuteranopia

48.5940, 2.9416, 29.9949



Tritanopia

48.6791, 53.6424, 20.4672

Trichromacy



Original Color

48.5461, 48.0849, 29.3361

Protanomaly

47.3707, 12.3813, 27.2157

Deuteranomaly

47.6328, 19.0985, 29.2914

Tritanomaly

48.5356, 51.1466, 24.6937

Monochromacy



Original Color

48.5461, 48.0849, 29.3361

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.2205, 12.5470, 14.7961

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5461, 48.0849, 29.3361 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(230, 86, 29)` looks like.

```
.text, #text, p{  
  color:rgb(230, 86, 29)  
}
```

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(230, 86, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 86, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5461, 48.0849, 29.3361 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(230, 86, 29) }
```


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

```
.border{ border-color:rgb(230, 86, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 86, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 86, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 86, 29);  
box-shadow:4px 4px 4px 4px rgb(230, 86,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5461, 48.0849, 29.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 86, 29) }
```

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

```
.background{ background-color: rgb(230, 86,  
29) }
```

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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