

Converting Colors

HunterLab(48.9003, 58.2856,
30.4268)

Have a look what the booklet for
HunterLab(48.9003, 58.2856,
30.4268) contains.

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Color

**HunterLab(48.9890, 58.2980,
30.4618)**

Conversions

Conversions Part 1

Format	Color
Hex	F34A13
RGB	243, 74, 19
RGB Percent	95%, 29%, 7%
CMY	0.0471, 0.7098, 0.9255
CMYK	0.00, 0.70, 0.92, 0.05
HSL	15°, 90%, 51%
HSV	15°, 92%, 95%
XYZ	39.5284, 23.9992, 3.1650
YIQ	118.2610, 118.3790, 18.7230

Conversions

Conversions Part 2

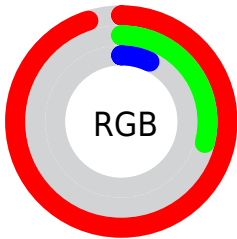
Format	Color
R_{YB}	243, 92, 19
Decimal	15944211
CIE _{Lab}	56.09, 62.49, 62.79
CIE _{LCh}	56, 88.591, 45.138
Yxy	24.0007, 0.5927, 0.3599
Android (android.graphics.Color)	4294134291 (0xFFFF34A13)
YUV	118.2610, -48.9357, 109.3961
Hunter-Lab	48.9890, 58.2980, 30.4618

Details

The HunterLab color **48.9890, 58.2980, 30.4618** 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 **65.2467, -19.9972, -37.1975**, and the grayscale version is **42.8176, -2.2846, 2.3264**.

A 20% lighter version of the original color is **61.8414, 38.1012, 32.7301**, and **30.7652, 52.6864, 19.8797** is the 20% darker color. If you saturate the color by 10%, you get **47.1725, 63.3616, 30.1767**, and if you desaturate by 10%, it is **51.9087, 51.0431, 30.2358**.

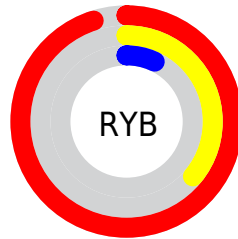
Distribution



Red (95%)

Green (29%)

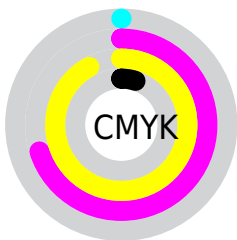
Blue (7%)



Red (95%)

Yellow (36%)

Blue (7%)

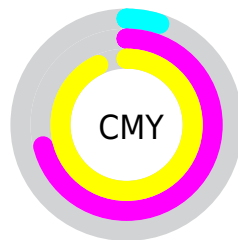


Cyan (0%)

Magenta (70%)

Yellow (92%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.9890, 58.2980, 30.4618 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 48.9890, 58.2980, 30.4618 by changing the saturation by 10% instead.


 48.9890, 58.2980,
30.4618


 48.9890, 58.2980,
30.4618


165.1738, 73.3008,
65.9280


 39.1588, 56.1617,
25.6250


 70.7328, 62.2929,
39.4259

 30.0902, 53.9861,
21.0631


 82.5616, 64.1438,
43.6074


 21.8553, 51.8654,
15.2987

 94.9848, 65.8955,
47.6247

 14.5491, 50.0739,
10.1844

 107.9754, 67.5512,
51.5005

 8.2099, 50.4701,
5.7470

 121.5095, 69.1151,
55.2538

0.0000, INF, NaN

0.0000, INF, NaN

 135.5661, 70.5918,

58.9009

0.0000, NaN, NaN

150.1265, 71.9856,
62.4552

0.0000, NaN, NaN

48.9890, 58.2980,
30.4618

48.9890, 58.2980,
30.4618

47.1725, 63.3616,
30.1767

51.9087, 51.0431,
30.2358

55.4665, 43.3812,
29.1598

59.6056, 35.6639,
27.3039

64.2602, 28.1351,
24.7876

69.3660, 20.9373,
21.7366

■ 74.8646, 14.1360,
18.2620

■ 80.7048, 7.7464,
14.4541

■ 86.8434, 1.7543,
10.3828

■ 93.2439, -3.8704,
6.1011

Harmonies

Analogous

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



48.9905, 86.6272, 17.2441



48.9890, 58.2980, 30.4618



48.9905, 16.9834, 33.3561

Triad

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



48.9905, 58.2930, 30.4625



48.9905, -54.1341, 17.0345



48.9905, 17.3655, -117.8308

Complementary

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



48.9890, 58.2980, 30.4618



65.2467, -19.9972, -37.1975

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.



48.9905, -19.5499, -118.0716



48.9890, 58.2980, 30.4618



48.9905, -54.0875, -18.4855

Square

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



48.9905, 58.2930, 30.4625



48.9905, -43.5099, 30.4057



48.9905, -43.3552, -73.5646



48.9905, 58.6432, -73.0427

Rectangle

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



48.9890, 58.2980, 30.4618



48.9905, -8.8223, 33.5767



48.9905, -43.3552, -73.5646



48.9905, 3.9142, -123.8204

Sweetspot

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



48.9905, 58.2930, 30.4625



81.5721, 12.1066, 17.6754



48.2392, 87.9026, -29.1290



36.5249, 6.9784, 8.9633

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.9905, 58.2930, 30.4625



49.7730, 67.0959, 31.8445



72.8550, 4.9739, 44.4786



41.4046, 0.0964, 4.3254



35.1990, 46.1744, 22.4978



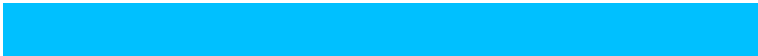
11.1543, 11.6130, 7.0765

Inverse Universe

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



65.2467, -19.9972, -37.1975



67.1452, -19.1894, -42.5012



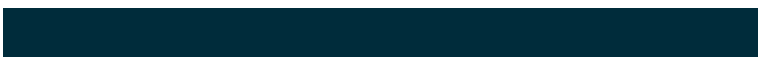
34.8758, 37.3538, -122.0073



42.4594, -4.3833, 0.1938



47.3656, -13.8476, -29.3100



14.6011, -4.8885, -7.6974

Previews

White Background



This preview shows how the HunterLab color 48.9890, 58.2980, 30.4618 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 48.9890, 58.2980, 30.4618 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 48.9890, 58.2980, 30.4618 Background



This preview shows how black text looks on a background with the HunterLab color 48.9890, 58.2980, 30.4618.



This preview shows how white text looks on a background with the HunterLab color 48.9890, 58.2980,

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

48.9890, 58.2980, 30.4618

Protanopia

49.0190, -6.6551, 28.1655

Deuteranopia

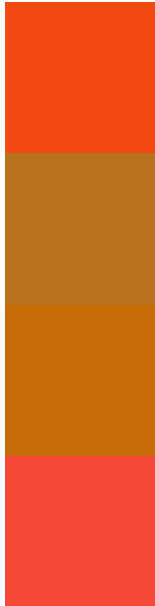
48.9739, 2.8525, 30.2274



Tritanopia

48.9461, 62.4292, 23.8267

Trichromacy



Original Color

48.9890, 58.2980, 30.4618

Protanomaly

46.9993, 16.0952, 27.7761

Deuteranomaly

47.5508, 23.4972, 29.4613

Tritanomaly

48.9863, 60.7724, 27.1725

Monochromacy



Original Color

48.9890, 58.2980, 30.4618

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.3066, 16.1642, 15.1649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9890, 58.2980, 30.4618 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(243, 74, 19)` looks like.

```
.text, #text, p{  
    color:rgb(243, 74, 19)  
}
```

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(243, 74, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 74, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9890, 58.2980, 30.4618 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(243, 74, 19) }
```


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

```
.border{ border-color:rgb(243, 74, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 74, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 74, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 74, 19);  
box-shadow:4px 4px 4px 4px rgb(243, 74,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9890, 58.2980, 30.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 74, 19) }
```

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

```
.background{ background-color: rgb(243, 74,  
19) }
```

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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