

Converting Colors

HunterLab(48.6830, 48.6910,
27.3118)

Have a look what the booklet for
HunterLab(48.6830, 48.6910,
27.3118) contains.

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Color

**HunterLab(48.6830, 48.6910,
27.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	E65631
RGB	230, 86, 49
RGB Percent	90%, 34%, 19%
CMY	0.0980, 0.6627, 0.8078
CMYK	0.00, 0.63, 0.79, 0.10
HSL	12°, 78%, 55%
HSV	12°, 79%, 90%
XYZ	36.5153, 23.7003, 5.5558
YIQ	124.8380, 97.7010, 19.0210

Conversions

Conversions Part 2

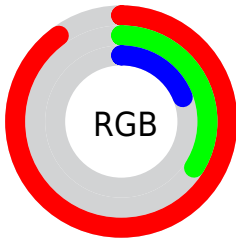
Format	Color
R_{YB}	230, 96, 49
Decimal	15095345
CIE _{Lab}	55.79, 54.05, 49.59
CIE _{LCh}	56, 73.354, 42.534
Yxy	23.7017, 0.5552, 0.3604
Android (android.graphics.Color)	4293285425 (0xFFE65631)
YUV	124.8380, -37.3881, 92.2271
Hunter-Lab	48.6830, 48.6910, 27.3118

Details

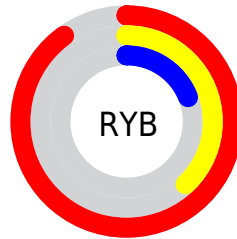
The HunterLab color **48.6830, 48.6910, 27.3118** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **66.7100, -24.1142, -25.8513**, and the grayscale version is **45.3386, -2.4192, 2.4633**.

A 20% lighter version of the original color is **64.1807, 35.0031, 29.4859**, and **29.9237, 44.9001, 19.2249** is the 20% darker color. If you saturate the color by 10%, you get **45.8225, 55.6423, 27.9451**, and if you desaturate by 10%, it is **52.2046, 41.2531, 25.9272**.

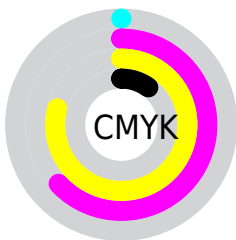
Distribution



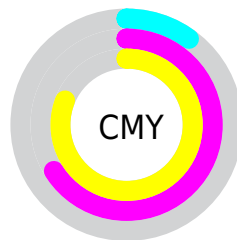
- Red (90%)
- Green (34%)
- Blue (19%)



- Red (90%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6830, 48.6910, 27.3118 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 48.6830, 48.6910, 27.3118 by changing the saturation by 10% instead.

48.6830, 48.6910,
27.3118

48.6830, 48.6910,
27.3118

164.7146, 61.3506,
56.1925

38.8748, 46.7828,
23.3800

70.3868, 52.1770,
34.5600

29.8301, 44.7923,
19.1978

82.1972, 53.7628,
37.9432

21.6216, 42.7718,
15.1352

94.6031, 55.2478,
41.2012

14.3452, 40.8945,
10.0416

107.5769, 56.6377,
44.3539

8.0047, 40.9212,
5.6033

121.0950, 57.9378,
47.4174

0.0000, INF, NaN

0.0000, NaN, NaN

135.1362, 59.1535,

50.4047

0.0000, NaN, NaN

149.6817, 60.2896,
53.3268

0.0000, NaN, NaN

■ 48.6830, 48.6910,
27.3118

■ 48.6830, 48.6910,
27.3118

■ 45.8225, 55.6423,
27.9451

■ 52.2046, 41.2531,
25.9272

■ 43.6588, 61.6462,
27.8645

■ 56.3178, 33.7153,
23.8948


■ 43.4259, 62.3235,
27.8499


■ 60.9520, 26.3282,
21.3467


■ 66.0383, 19.2386,
18.4046

■ 71.5148, 12.5129,
15.1675

 77.3286, 6.1659,
11.7103

 83.4355, 0.1828,
8.0875

 89.7984, -5.4658,
4.3375

 96.3536, -11.0009,
0.9644

Harmonies

Analogous

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



48.6844, 69.0348, 13.2843



48.6830, 48.6910, 27.3118



48.6844, 16.3144, 31.4979

Triad

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



48.6844, 48.6866, 27.3125



48.6844, -46.9181, 16.6151



48.6844, 10.8152, -89.5408

Complementary

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



48.6830, 48.6910, 27.3118



66.7100, -24.1142, -25.8513

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.



48.6844, -19.0061, -86.4659



48.6830, 48.6910, 27.3118



48.6844, -47.6962, -11.1038

Square

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



48.6844, 48.6866, 27.3125



48.6844, -36.2875, 28.4618



48.6844, -38.7647, -52.2828



48.6844, 43.8153, -59.1259

Rectangle

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



48.6830, 48.6910, 27.3118



48.6844, -5.1705, 31.9457



48.6844, -38.7647, -52.2828



48.6844, 0.0244, -92.7506

Sweetspot

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



48.6844, 48.6866, 27.3125



83.3305, 10.7614, 15.3056



47.8599, 78.2845, -32.2208



37.4820, 6.1772, 7.7176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.6844, 48.6866, 27.3125



49.9973, 66.6635, 31.4258



69.2660, 4.1666, 40.2669



38.5265, 0.2902, 3.8857



32.8881, 46.2252, 21.0748



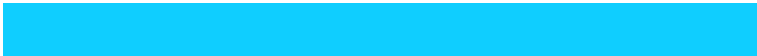
9.6448, 10.4837, 6.1266

Inverse Universe

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



66.7100, -24.1142, -25.8513



71.7368, -25.2109, -34.4302



40.1579, 20.5329, -85.4238



39.7612, -4.2895, 0.3520



47.5198, -16.4487, -23.8875



13.3995, -5.1220, -5.6913

Previews

White Background



This preview shows how the HunterLab color 48.6830, 48.6910, 27.3118 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 48.6830, 48.6910, 27.3118 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 48.6830, 48.6910, 27.3118 Background



This preview shows how black text looks on a background with the HunterLab color 48.6830, 48.6910, 27.3118.



This preview shows how white text looks on a background with the HunterLab color 48.6830, 48.6910,

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

48.6830, 48.6910, 27.3118

Protanopia

48.7838, -5.5444, 24.2479

Deuteranopia

48.6180, 3.2973, 27.8815



Tritanopia

48.6779, 52.8821, 20.1974

Trichromacy



Original Color

48.6830, 48.6910, 27.3118

Protanomaly

47.4268, 12.9211, 24.4461

Deuteranomaly

47.7753, 19.8133, 27.1824

Tritanomaly

48.6379, 51.5934, 23.1899

Monochromacy



Original Color

48.6830, 48.6910, 27.3118

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

44.7420, 13.2469, 12.8152

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6830, 48.6910, 27.3118 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(230, 86, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 86, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6830, 48.6910, 27.3118 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, 49) }
```


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

```
.border{ border-color:rgb(230, 86, 49) }
```

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, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 86, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 86, 49);  
box-shadow:4px 4px 4px 4px rgb(230, 86,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6830, 48.6910, 27.3118 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, 49) }
```

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

```
.background{ background-color: rgb(230, 86,  
49) }
```

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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