

Converting Colors

HunterLab(49.0966, 46.9876,
29.0700)

Have a look what the booklet for
HunterLab(49.0966, 46.9876,
29.0700) contains.

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Color

**HunterLab(49.0868, 46.9144,
29.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	E65924
RGB	230, 89, 36
RGB Percent	90%, 35%, 14%
CMY	0.0980, 0.6509, 0.8588
CMYK	0.00, 0.61, 0.84, 0.10
HSL	16°, 80%, 52%
HSV	16°, 84%, 90%
XYZ	36.5240, 24.0951, 4.3948
YIQ	125.1170, 101.0490, 13.4090

Conversions

Conversions Part 2

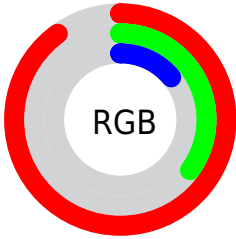
Format	Color
R_{YB}	230, 109, 36
Decimal	15096100
CIE _{Lab}	56.18, 52.37, 55.85
CIE _{LCh}	56, 76.563, 46.840
Yxy	24.0965, 0.5618, 0.3706
Android (android.graphics.Color)	4293286180 (0xFFE65924)
YUV	125.1170, -43.9347, 91.9824
Hunter-Lab	49.0868, 46.9144, 29.0524

Details

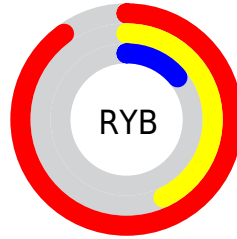
The HunterLab color **49.0868, 46.9144, 29.0524** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **61.2611, -17.6645, -35.0140**, and the grayscale version is **45.4715, -2.4262, 2.4706**.

A 20% lighter version of the original color is **64.7135, 32.6466, 32.3815**, and **30.1446, 43.2686, 19.3324** is the 20% darker color. If you saturate the color by 10%, you get **46.3947, 53.6302, 29.0404**, and if you desaturate by 10%, it is **52.3355, 39.8882, 28.2595**.

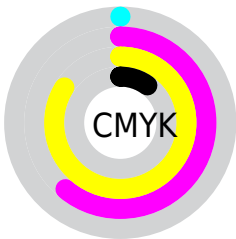
Distribution



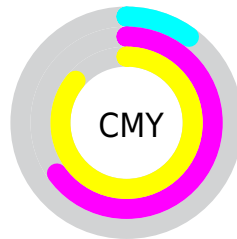
- Red (90%)
- Green (35%)
- Blue (14%)



- Red (90%)
- Yellow (43%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (84%)
- Black (10%)



- Cyan (10%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0868, 46.9144, 29.0524 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 49.0868, 46.9144, 29.0524 by changing the saturation by 10% instead.

49.0868, 46.9144,
29.0524

49.0868, 46.9144,
29.0524

165.3203, 59.0494,
61.0242

39.2495, 45.0615,
24.6883

70.8433, 50.2817,
37.1106

30.1733, 43.1184,
20.2231

82.6779, 51.8072,
40.8686

21.9300, 41.1278,
15.3510

95.1067, 53.2324,
44.4825

14.6143, 39.2370,
10.2300

108.1026, 54.5631,
47.9738

8.2743, 38.6907,
5.7920

121.6418, 55.8051,
51.3603

0.0000, INF, NaN

0.0000, NaN, NaN

135.7033, 56.9636,

54.6564

0.0000, NaN, NaN

150.2685, 58.0435,
57.8743

0.0000, NaN, NaN

■ 49.0868, 46.9144,
29.0524

■ 49.0868, 46.9144,
29.0524

■ 46.3947, 53.6302,
29.0404

■ 52.3355, 39.8882,
28.2595

■ 45.1228, 57.1241,
28.8045

■ 56.0887, 32.8653,
26.6984

■ 60.2936, 26.0454,
24.4661

■ 64.8961, 19.5476,
21.6726

■ 69.8470, 13.4266,
18.4211

■ 75.1027, 7.6945,
14.7990

■ 80.6258, 2.3380,
10.8768

■ 86.3846, -2.6699,
6.7098

■ 92.3525, -7.3619,
2.3404

Harmonies

Analogous

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



49.0882, 71.1700, 16.7746



49.0868, 46.9144, 29.0524



49.0882, 12.1749, 32.3188

Triad

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



49.0882, 46.9100, 29.0531



49.0882, -49.2892, 14.2098



49.0882, 16.4885, -92.7339

Complementary

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



49.0868, 46.9144, 29.0524



61.2611, -17.6645, -35.0140

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.



49.0882, -15.8502, -95.2029



49.0868, 46.9144, 29.0524



49.0882, -48.6953, -17.4695

Square

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



49.0882, 46.9100, 29.0531



49.0882, -39.9004, 28.2047



49.0882, -37.9957, -61.9969



49.0882, 50.7563, -56.5311

Rectangle

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



49.0868, 46.9144, 29.0524



49.0882, -9.7311, 32.4936



49.0882, -37.9957, -61.9969



49.0882, 4.9165, -98.0874

Sweetspot

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



49.0882, 46.9100, 29.0531



83.9471, 9.1462, 16.9734



46.1625, 79.0157, -24.4492



37.8591, 5.2675, 8.5333

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0882, 46.9100, 29.0531



50.5963, 64.6035, 32.3082



71.7890, -0.7001, 42.8452



38.7370, -0.0715, 4.1171



34.2081, 42.2216, 21.8180



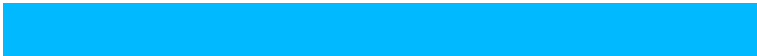
10.0804, 9.2999, 6.3743

Inverse Universe

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



61.2611, -17.6645, -35.0140



64.8489, -15.8611, -46.8160



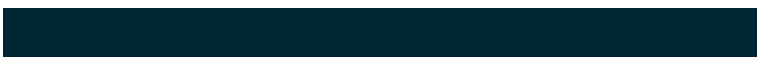
34.6597, 31.9067, -106.1462



39.5416, -3.9356, 0.0891



43.7347, -11.0999, -30.7030



12.5148, -3.9132, -7.1950

Previews

White Background



This preview shows how the HunterLab color 49.0868, 46.9144, 29.0524 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 49.0868, 46.9144, 29.0524 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 49.0868, 46.9144, 29.0524 Background



This preview shows how black text looks on a background with the HunterLab color 49.0868, 46.9144, 29.0524.



This preview shows how white text looks on a background with the HunterLab color 49.0868, 46.9144,

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

49.0868, 46.9144, 29.0524

Protanopia

49.1128, -6.1340, 26.7799

Deuteranopia

49.1292, 3.4569, 29.6937



Tritanopia

49.2115, 52.6283, 19.8585

Trichromacy



Original Color

49.0868, 46.9144, 29.0524

Protanomaly

47.7933, 12.5539, 26.7137

Deuteranomaly

48.2774, 18.7471, 29.0152

Tritanomaly

49.0782, 50.0963, 24.1188

Monochromacy



Original Color

49.0868, 46.9144, 29.0524

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

44.9057, 12.3401, 14.2135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0868, 46.9144, 29.0524 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, 89, 36)` looks like.

```
.text, #text, p{  
    color:rgb(230, 89, 36)  
}
```

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, 89, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 89, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0868, 46.9144, 29.0524 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, 89, 36) }
```


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

```
.border{ border-color:rgb(230, 89, 36) }
```

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

Here you see how a box with a 4 pixel rgb(230, 89, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 89, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 89, 36);  
box-shadow:4px 4px 4px 4px rgb(230, 89,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0868, 46.9144, 29.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 89, 36) }
```

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

```
.background{ background-color: rgb(230, 89,  
36) }
```

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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