

Converting Colors

HunterLab(64.9064, 19.8587,
38.6676)

Have a look what the booklet for
HunterLab(64.9064, 19.8587,
38.6676) contains.

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Color

**HunterLab(64.9064, 19.8587,
38.6676)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F29A26 |
| RGB | 242, 154, 38 |
| RGB Percent | 95%, 60%, 15% |
| CMY | 0.0510, 0.3961, 0.8510 |
| CMYK | 0.00, 0.36, 0.84, 0.05 |
| HSL | 34°, 89%, 55% |
| HSV | 34°, 84%, 95% |
| XYZ | 48.5234, 42.1284, 7.4079 |
| YIQ | 167.0880, 89.6840, -17.4200 |

Conversions

Conversions Part 2

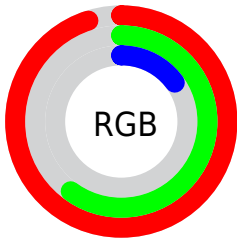
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 193, 242, 38 |
| Decimal | 15899174 |
| CIE Lab | 70.96, 24.79, 68.28 |
| CIE LCh | 71, 72.642, 70.050 |
| Yxy | 42.1306, 0.4948, 0.4296 |
| Android (android.graphics.Color) | 4294089254 (0xFFFF29A26) |
| YUV | 167.0880, -63.6404, 65.6978 |
| Hunter-Lab | 64.9064, 19.8587, 38.6676 |

Details

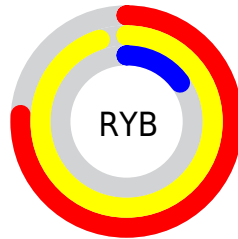
The HunterLab color **64.9064, 19.8587, 38.6676** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **46.6304, 11.3665, -77.8773**, and the grayscale version is **62.4291, -3.3311, 3.3919**.

A 20% lighter version of the original color is **82.2722, -0.5509, 42.8839**, and **44.0497, 18.8401, 27.4731** is the 20% darker color. If you saturate the color by 10%, you get **62.2289, 24.7794, 38.3897**, and if you desaturate by 10%, it is **67.7775, 15.3041, 38.0195**.

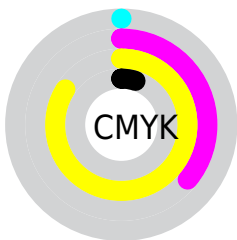
Distribution



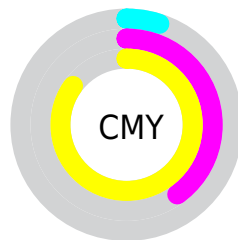
- Red (95%)
- Green (60%)
- Blue (15%)



- Red (76%)
- Yellow (95%)
- Blue (15%)



- Cyan (0%)
- Magenta (36%)
- Yellow (84%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9064, 19.8587, 38.6676 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 64.9064, 19.8587, 38.6676 by changing the saturation by 10% instead.

64.9064, 19.8587,
38.6676

64.9064, 19.8587,
38.6676

188.4208, 22.1226,
75.0104

54.0403, 19.2383,
33.8383

88.5422, 20.8242,
47.7049

43.8576, 18.5202,
28.7695

101.2451, 21.1932,
51.9615

34.4095, 17.6872,
23.8048

114.5032, 21.4934,
56.0730

25.7583, 16.7235,
18.0308

128.2944, 21.7302,
60.0578

17.9857, 15.6119,
12.5900

142.5987, 21.9080,
63.9315

11.2050, 14.3439,
7.8435

157.3983, 22.0305,

3.2615, 32.9403,

67.7076

2.2830

172.6772, 22.1010,
71.3973

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9064, 19.8587,
38.6676

■ 64.9064, 19.8587,
38.6676

■ 62.2289, 24.7794,
38.3897

■ 67.7775, 15.3041,
38.0195

■ 60.7811, 27.6990,
37.9379


■ 70.8311, 11.1753,
36.4000


■ 74.0602, 7.4909,
33.8182

■ 77.4552, 4.2552,
30.3112


■ 81.0058, 1.4606,

25.9316

 84.7018, -0.9089,
20.7396

 88.5337, -2.8739,
14.7971

 92.4922, -4.4582,
8.1653

 96.5420, -5.8337,
1.2845

Harmonies

Analogous

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



64.9081, 53.1732, 31.7748



64.9064, 19.8587, 38.6676



64.9081, -14.2658, 39.4434

Triad

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



64.9081, 19.8549, 38.6682



64.9081, -55.2442, -8.0190



64.9081, 43.0808, -62.5170

Complementary

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



64.9064, 19.8587, 38.6676



46.6304, 11.3665, -77.8773

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.



64.9081, 8.0879, -89.5962



64.9064, 19.8587, 38.6676



64.9081, -45.5656, -49.1432

Square

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



64.9081, 19.8549, 38.6682



64.9081, -53.3516, 21.0680



64.9081, -23.8995, -83.7476



64.9081, 68.3447, -20.8724

Rectangle

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



64.9064, 19.8587, 38.6676



64.9081, -32.5166, 37.2335



64.9081, -23.8995, -83.7476



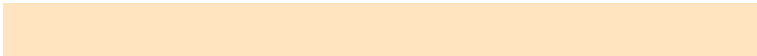
64.9081, 31.8057, -74.3850

Sweetspot

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



64.9081, 19.8549, 38.6682



89.5799, -0.7854, 22.4658



46.6695, 75.5373, 4.8301



40.7984, 0.0288, 11.3253

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9081, 19.8549, 38.6682



64.4304, 29.5537, 40.2191



89.5562, -28.7153, 53.4671



41.5342, -1.6922, 5.3648



44.8590, 19.6325, 27.9856



13.6798, 4.1191, 8.5015

Inverse Universe

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



46.6304, 11.3665, -77.8773



42.8607, 23.3845, -104.0525



29.1838, 59.7337, -151.6340



40.4353, -2.5230, -1.1132



30.1067, 15.0212, -70.0572



9.7365, 2.1560, -16.8239

Previews

White Background



This preview shows how the HunterLab color 64.9064, 19.8587, 38.6676 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64.9064, 19.8587, 38.6676 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.9064, 19.8587, 38.6676 Background



This preview shows how black text looks on a background with the HunterLab color 64.9064, 19.8587, 38.6676.



This preview shows how white text looks on a background with the HunterLab color 64.9064, 19.8587,

38.6676.

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

64.9064, 19.8587, 38.6676

Protanopia

64.9479, -8.2949, 37.7890

Deuteranopia

64.9848, 5.0236, 38.8845



Tritanopia

64.9893, 36.0066, 12.7856

Trichromacy



Original Color

64.9064, 19.8587, 38.6676

Protanomaly

64.7639, 1.4836, 38.0127

Deuteranomaly

64.8839, 10.3296, 38.7791

Tritanomaly

64.7630, 28.6658, 26.3747

Monochromacy



Original Color

64.9064, 19.8587, 38.6676

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.1820, 1.8680, 21.4061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9064, 19.8587, 38.6676 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(242, 154, 38)` looks like.

```
.text, #text, p{  
    color:rgb(242, 154, 38)  
}
```

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(242, 154, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 154, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9064, 19.8587, 38.6676 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(242, 154, 38) }
```


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

```
.border{ border-color:rgb(242, 154, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 154, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 154, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 154, 38);  
box-shadow:4px 4px 4px 4px rgb(242, 154,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9064, 19.8587, 38.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 154, 38) }
```

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

```
.background{ background-color: rgb(242,  
154, 38) }
```

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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