

Converting Colors

HunterLab(58.5448, 31.8825,
36.6332)

Have a look what the booklet for
HunterLab(58.5448, 31.8825,
36.6332) contains.

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Color

**HunterLab(58.6526, 31.6481,
36.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	F18100
RGB	241, 129, 0
RGB Percent	95%, 51%, 0%
CMY	0.0549, 0.4941, 1.0000
CMYK	0.00, 0.46, 1.00, 0.05
HSL	32°, 100%, 47%
HSV	32°, 100%, 95%
XYZ	44.1259, 34.4013, 4.3144
YIQ	147.7820, 108.1610, -16.3750

Conversions

Conversions Part 2

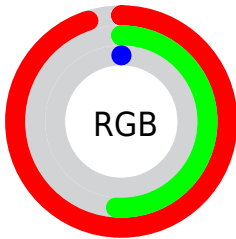
Format	Color
R _Y B	209, 241, 0
Decimal	15827200
CIE Lab	65.28, 36.81, 71.95
CIE LCh	65, 80.822, 62.906
Yxy	34.4031, 0.5326, 0.4153
Android (android.graphics.Color)	4294017280 (0xFFFF18100)
YUV	147.7820, -72.8565, 81.7522
Hunter-Lab	58.6526, 31.6481, 36.6955

Details

The HunterLab color **58.6526, 31.6481, 36.6955** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **42.3551, 17.2102, -90.0912**, and the grayscale version is **54.5860, -2.9126, 2.9658**.

A 20% lighter version of the original color is **74.5620, 11.5831, 41.2724**, and **38.6183, 29.8737, 24.3194** is the 20% darker color. If you saturate the color by 10%, you get **58.6531, 31.6463, 36.6958**, and if you desaturate by 10%, it is **61.3056, 26.2131, 37.3936**.

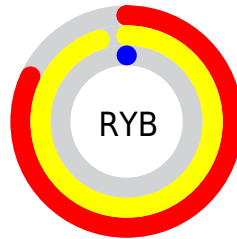
Distribution



Red (95%)

Green (51%)

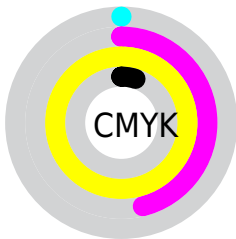
Blue (0%)



Red (82%)

Yellow (95%)

Blue (0%)

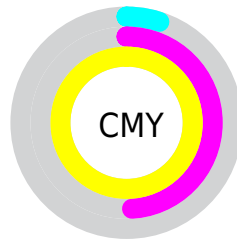


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.6526, 31.6481, 36.6955 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 58.6526, 31.6481, 36.6955 by changing the saturation by 10% instead.

58.6526, 31.6481,
36.6955

58.6526, 31.6481,
36.6955

179.4229, 38.2568,
75.4786

48.1700, 30.4599,
31.5038

81.5844, 33.6905,
46.4043

38.3977, 29.1557,
26.2179

93.9607, 34.5705,
50.9648

29.3935, 27.7232,
20.5755

106.9064, 35.3653,
55.3601

21.2297, 26.1623,
14.8608

120.3975, 36.0811,
59.6105

14.0036, 24.5059,
9.8025

134.4126, 36.7236,
63.7335

7.6464, 24.3170,
5.3525

148.9330, 37.2976,

0.0000, INF, NaN

67.7442

0.0000, NaN, NaN

163.9416, 37.8074,
71.6555

0.0000, NaN, NaN

58.6526, 31.6481,
36.6955

58.6526, 31.6481,
36.6955

58.6531, 31.6463,
36.6958

61.3056, 26.2131,
37.3936

64.1717, 21.0641,
37.3065

67.2513, 16.3022,
36.2734

70.5336, 11.9696,
34.2864

74.0063, 8.0829,
31.3778

■ 77.6566, 4.6417,
27.6008

■ 81.4717, 1.6337,
23.0186

■ 85.4396, -0.9606,
17.6973

■ 89.5490, -3.1649,
11.7016

Harmonies

Analogous

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



58.6542, 66.6077, 28.7973



58.6526, 31.6481, 36.6955



58.6542, -6.5842, 38.1712

Triad

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



58.6542, 31.6440, 36.6961



58.6542, -57.2835, -0.2273



58.6542, 39.1664, -82.7389

Complementary

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



58.6526, 31.6481, 36.6955



42.3551, 17.2102, -90.0912

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.



58.6542, 0.4003, -107.1569



58.6526, 31.6481, 36.6955



58.6542, -50.4768, -44.7144

Square

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



58.6542, 31.6440, 36.6961



58.6542, -52.7145, 25.8791



58.6542, -31.3186, -90.2016



58.6542, 71.6324, -35.1682

Rectangle

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



58.6526, 31.6481, 36.6955



58.6542, -27.6036, 37.1577



58.6542, -31.3186, -90.2016



58.6542, 26.1518, -94.8896

Sweetspot

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



58.6542, 31.6440, 36.6961



86.8287, 1.7703, 24.5936



44.5884, 79.0049, 8.2911



39.3658, 1.4218, 12.3789

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.6542, 31.6440, 36.6961



62.4570, 33.9255, 39.0796



89.5701, -27.1160, 54.7178



41.4248, -1.5089, 5.2473



43.5069, 22.5976, 27.2044



13.3179, 4.8600, 8.2915

Inverse Universe

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



42.3551, 17.2102, -90.0912



45.0506, 18.5834, -96.4256



25.3040, 68.4290, -178.1992



40.5458, -2.7053, -0.9775



31.6097, 11.7905, -64.9617



10.1411, 1.3898, -15.6758

Previews

White Background



This preview shows how the HunterLab color 58.6526, 31.6481, 36.6955 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 58.6526, 31.6481, 36.6955 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 58.6526, 31.6481, 36.6955 Background



This preview shows how black text looks on a background with the HunterLab color 58.6526, 31.6481, 36.6955.



This preview shows how white text looks on a background with the HunterLab color 58.6526, 31.6481,

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

58.6526, 31.6481, 36.6955

Protanopia

58.6775, -8.0327, 35.3474

Deuteranopia

58.7799, 3.8893, 36.2880



Tritanopia

58.6549, 44.2473, 16.2743

Trichromacy



Original Color

58.6526, 31.6481, 36.6955

Protanomaly

58.1080, 5.8867, 35.5204

Deuteranomaly

58.5182, 13.9368, 36.3027

Tritanomaly

58.3036, 38.4220, 28.6828

Monochromacy



Original Color

58.6526, 31.6481, 36.6955

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

54.5921, 5.2905, 22.2311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.6526, 31.6481, 36.6955 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(241, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 129, 0)  
}
```

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(241, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 129, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.6526, 31.6481, 36.6955 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(241, 129, 0) }
```


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

```
.border{ border-color:rgb(241, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(241, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 129,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.6526, 31.6481, 36.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 129, 0) }
```

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

```
.background{ background-color: rgb(241,  
129, 0) }
```

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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