

Converting Colors

HunterLab(59.3345, 30.8816,
37.1023)

Have a look what the booklet for
HunterLab(59.3345, 30.8816,
37.1023) contains.

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Color

**HunterLab(59.2536, 31.0672,
37.0557)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | F28300 |
| RGB | 242, 131, 0 |
| RGB Percent | 95%, 51%, 0% |
| CMY | 0.0510, 0.4862, 1.0000 |
| CMYK | 0.00, 0.46, 1.00, 0.05 |
| HSL | 32°, 100%, 47% |
| HSV | 32°, 100%, 95% |
| XYZ | 44.7343, 35.1099, 4.4191 |
| YIQ | 149.2550, 108.2070, -17.2090 |

Conversions

Conversions Part 2

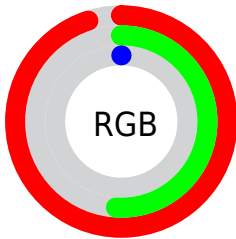
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 205, 242, 0 |
| Decimal | 15893248 |
| CIE Lab | 65.84, 36.19, 72.36 |
| CIE LCh | 66, 80.908, 63.428 |
| Yxy | 35.1118, 0.5309, 0.4167 |
| Android (android.graphics.Color) | 4294083328 (0xFFFF28300) |
| YUV | 149.2550, -73.5827, 81.3374 |
| Hunter-Lab | 59.2536, 31.0672, 37.0557 |

Details

The HunterLab color **59.2536, 31.0672, 37.0557** 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 **42.1662, 18.1196, -91.8182**, and the grayscale version is **55.1834, -2.9444, 2.9982**.

A 20% lighter version of the original color is **75.1171, 10.5489, 41.6324**, and **39.1421, 29.3613, 24.6332** is the 20% darker color. If you saturate the color by 10%, you get **59.2542, 31.0651, 37.0560**, and if you desaturate by 10%, it is **61.9047, 25.6723, 37.7562**.

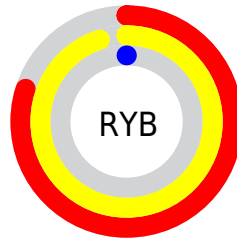
Distribution



Red (95%)

Green (51%)

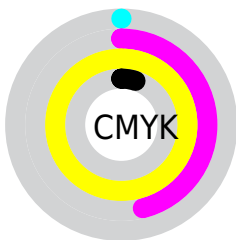
Blue (0%)



Red (80%)

Yellow (95%)

Blue (0%)

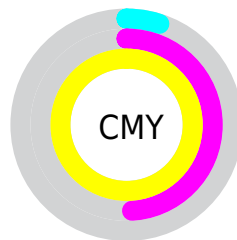


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.2536, 31.0672, 37.0557 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 59.2536, 31.0672, 37.0557 by changing the saturation by 10% instead.

59.2536, 31.0672,
37.0557

59.2536, 31.0672,
37.0557

180.2946, 37.4372,
75.9637

48.7329, 29.9101,
31.8522

82.2550, 33.0503,
46.7904

38.9198, 28.6377,
26.5340

94.6636, 33.9022,
51.3647

29.8714, 27.2370,
20.9100

107.6402, 34.6697,
55.7741

21.6587, 25.7059,
15.1611

121.1608, 35.3592,
60.0388

14.3775, 24.0705,
10.0642

135.2044, 35.9762,
64.1761

8.0376, 23.3004,
5.6264

149.7523, 36.5255,

0.0000, INF, NaN

68.2010

0.0000, NaN, NaN

164.7875, 37.0112,
72.1265

0.0000, NaN, NaN

59.2536, 31.0672,
37.0557

59.2536, 31.0672,
37.0557

59.2542, 31.0651,
37.0560

61.9047, 25.6723,
37.7562

64.7643, 20.5694,
37.6669

67.8334, 15.8578,
36.6260

71.1019, 11.5783,
34.6238

74.5580, 7.7473,
31.6909

■ 78.1894, 4.3639,
27.8792

■ 81.9837, 1.4159,
23.2512

■ 85.9292, -1.1160,
17.8723

■ 90.0151, -3.2556,
11.8071

Harmonies

Analogous

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



59.2552, 66.3254, 29.2312



59.2536, 31.0672, 37.0557



59.2552, -7.2445, 38.4878

Triad

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



59.2552, 31.0631, 37.0563



59.2552, -57.6141, -0.8456



59.2552, 39.9615, -82.1705

Complementary

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



59.2536, 31.0672, 37.0557



42.1662, 18.1196, -91.8182

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.



59.2552, 1.0282, -107.2361



59.2536, 31.0672, 37.0557



59.2552, -50.5518, -45.6833

Square

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



59.2552, 31.0631, 37.0563



59.2552, -53.2103, 25.7569



59.2552, -31.0429, -90.9731



59.2552, 72.2645, -34.4074

Rectangle

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



59.2536, 31.0672, 37.0557



59.2552, -28.2370, 37.4087



59.2552, -31.0429, -90.9731



59.2552, 26.9237, -94.4966

Sweetspot

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



59.2552, 31.0631, 37.0563



86.9683, 1.5282, 24.7218



44.7975, 79.3742, 8.3409



39.4388, 1.2942, 12.4436

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.2552, 31.0631, 37.0563



62.8083, 33.1350, 39.2822



89.9916, -27.2443, 54.9753



41.4447, -1.5422, 5.2687



43.7478, 22.0612, 27.3434



13.3827, 4.7256, 8.3291

Inverse Universe

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



42.1662, 18.1196, -91.8182



44.6464, 19.4481, -97.7870



25.4226, 68.7510, -179.0432



40.5257, -2.6722, -1.0021



31.3325, 12.3722, -65.8711



10.0669, 1.5278, -15.8808

Previews

White Background



This preview shows how the HunterLab color 59.2536, 31.0672, 37.0557 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 59.2536, 31.0672, 37.0557 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 59.2536, 31.0672, 37.0557 Background



This preview shows how black text looks on a background with the HunterLab color 59.2536, 31.0672, 37.0557.



This preview shows how white text looks on a background with the HunterLab color 59.2536, 31.0672,

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

59.2536, 31.0672, 37.0557

Protanopia

59.4676, -8.2347, 35.8397

Deuteranopia

59.2900, 4.1942, 36.6076



Tritanopia

59.2652, 43.8529, 16.1587

Trichromacy



Original Color

59.2536, 31.0672, 37.0557

Protanomaly

58.7693, 5.3048, 35.9221

Deuteranomaly

58.9052, 13.8504, 36.5396

Tritanomaly

58.9103, 37.9583, 28.7284

Monochromacy



Original Color

59.2536, 31.0672, 37.0557

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

54.9905, 5.2599, 22.3040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.2536, 31.0672, 37.0557 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, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 131, 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(242, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 131, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.2536, 31.0672, 37.0557 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, 131, 0) }
```


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

```
.border{ border-color:rgb(242, 131, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 131, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 131,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.2536, 31.0672, 37.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 131, 0) }
```

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

```
.background{ background-color: rgb(242,  
131, 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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