

Converting Colors

HunterLab(60.1109, 29.3536,
37.5539)

Have a look what the booklet for
HunterLab(60.1109, 29.3536,
37.5539) contains.

HunterLab(60.1707, 29.0326, 37.5852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(60.1707, 29.0326,
37.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	F28700
RGB	242, 135, 0
RGB Percent	95%, 53%, 0%
CMY	0.0510, 0.4706, 1.0000
CMYK	0.00, 0.44, 1.00, 0.05
HSL	33°, 100%, 47%
HSV	33°, 100%, 95%
XYZ	45.2818, 36.2051, 4.6016
YIQ	151.6030, 107.1070, -19.3010

Conversions

Conversions Part 2

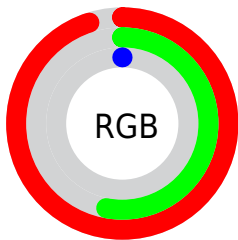
Format	Color
R_{YB}	192, 242, 0
Decimal	15894272
CIE _{Lab}	66.68, 34.14, 72.88
CIE _{LCh}	67, 80.481, 64.898
Yxy	36.2071, 0.5260, 0.4206
Android (android.graphics.Color)	4294084352 (0xFFFF28700)
YUV	151.6030, -74.7403, 79.2782
Hunter-Lab	60.1707, 29.0326, 37.5852

Details

The HunterLab color **60.1707, 29.0326, 37.5852** 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 **41.1417, 20.3494, -95.3513**, and the grayscale version is **56.1380, -2.9954, 3.0501**.

A 20% lighter version of the original color is **76.2471, 8.5306, 42.2310**, and **39.9053, 27.5033, 25.0710** is the 20% darker color. If you saturate the color by 10%, you get **60.1713, 29.0306, 37.5855**, and if you desaturate by 10%, it is **62.7785, 23.8265, 38.2740**.

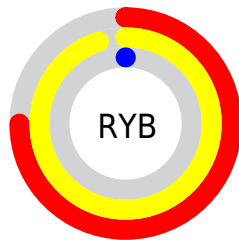
Distribution



Red (95%)

Green (53%)

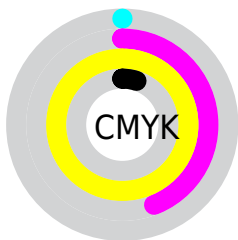
Blue (0%)



Red (75%)

Yellow (95%)

Blue (0%)

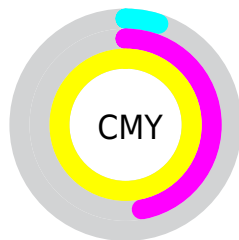


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.1707, 29.0326, 37.5852 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 60.1707, 29.0326, 37.5852 by changing the saturation by 10% instead.

60.1707, 29.0326,
37.5852

60.1707, 29.0326,
37.5852

181.6218, 34.6783,
76.6334

49.5925, 27.9683,
32.3700

83.2776, 30.8378,
47.3469

39.7177, 26.7905,
27.0093

95.7350, 31.6048,
51.9361

30.6024, 25.4845,
21.4217

108.7582, 32.2899,
56.3613

22.3160, 24.0437,
15.6212

122.3237, 32.8994,
60.6421

14.9518, 22.4806,
10.4662

136.4105, 33.4385,
64.7958

8.5981, 21.1702,
6.0187

151.0000, 33.9121,

0.0000, INF, NaN

68.8374

0.0000, NaN, NaN

166.0755, 34.3241,
72.7795

0.0000, NaN, NaN

60.1707, 29.0326,
37.5852

60.1707, 29.0326,
37.5852

60.1713, 29.0306,
37.5855

62.7785, 23.8265,
38.2740

65.5801, 18.9230,
38.1731

68.5779, 14.4156,
37.1186

71.7636, 10.3420,
35.0964

75.1269, 6.7167,
32.1322

■ 78.6569, 3.5385,
28.2739

■ 82.3426, 0.7954,
23.5804

■ 86.1734, -1.5312,
18.1148

■ 90.1393, -3.4642,
11.9401

Harmonies

Analogous

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



60.1723, 64.6688, 30.0680



60.1707, 29.0326, 37.5852



60.1723, -9.0065, 38.8683

Triad

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



60.1723, 29.0285, 37.5858



60.1723, -57.7832, -2.6179



60.1723, 41.6898, -79.5321

Complementary

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



60.1707, 29.0326, 37.5852



41.1417, 20.3494, -95.3513

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.



60.1723, 2.8066, -106.0695



60.1707, 29.0326, 37.5852



60.1723, -50.0823, -47.8353

Square

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



60.1723, 29.0285, 37.5858



60.1723, -53.9109, 25.0357



60.1723, -29.8341, -91.9582



60.1723, 73.1007, -31.8554

Rectangle

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



60.1707, 29.0326, 37.5852



60.1723, -29.6520, 37.6094



60.1723, -29.8341, -91.9582



60.1723, 28.7615, -92.1838

Sweetspot

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



60.1723, 29.0285, 37.5858



87.3503, 0.8678, 25.0720



44.6983, 79.0115, 9.7707



39.6384, 0.9461, 12.6204

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.1723, 29.0285, 37.5858



63.7826, 30.9705, 39.8448



89.6159, -28.6477, 54.7192



41.4988, -1.6330, 5.3269



44.4155, 20.5930, 27.7291



13.5616, 4.3586, 8.4329

Inverse Universe

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



41.1417, 20.3494, -95.3513



43.5583, 21.8233, -101.5544



25.4753, 68.7889, -178.6041



40.4710, -2.5819, -1.0694



30.5859, 13.9705, -68.3879



9.8661, 1.9068, -16.4480

Previews

White Background



This preview shows how the HunterLab color 60.1707, 29.0326, 37.5852 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 60.1707, 29.0326, 37.5852 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 60.1707, 29.0326, 37.5852 Background



This preview shows how black text looks on a background with the HunterLab color 60.1707, 29.0326, 37.5852.



This preview shows how white text looks on a background with the HunterLab color 60.1707, 29.0326,

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

60.1707, 29.0326, 37.5852

Protanopia

60.2596, -8.4371, 36.3328

Tritanopia

60.3466, 42.6492, 15.7726

Trichromacy



Original Color

60.1707, 29.0326, 37.5852

Protanomaly

59.7067, 4.2328, 36.4870

Tritanomaly

59.8071, 36.0498, 28.9639

Monochromacy



Original Color

60.1707, 29.0326, 37.5852

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

56.3339, 4.2183, 22.8839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1707, 29.0326, 37.5852 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, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 135, 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, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 135, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1707, 29.0326, 37.5852 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, 135, 0) }
```

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

```
.border{ border-color:rgb(242, 135, 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, 135, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 135,  
0) }
```


Background

The CSS property to change the background color of an element to HunterLab 60.1707, 29.0326, 37.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 135, 0) }
```

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

```
.background{ background-color: rgb(242,  
135, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor