

Converting Colors

HunterLab(61.6544, 24.4553,
38.0893)

Have a look what the booklet for
HunterLab(61.6544, 24.4553,
38.0893) contains.

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Color

**HunterLab(61.5612, 24.7037,
38.0312)**

Conversions

Conversions Part 1

Format	Color
Hex	F08E0C
RGB	240, 142, 12
RGB Percent	94%, 56%, 5%
CMY	0.0588, 0.4431, 0.9529
CMYK	0.00, 0.41, 0.95, 0.06
HSL	34°, 90%, 49%
HSV	34°, 95%, 94%
XYZ	45.6745, 37.8978, 5.2555
YIQ	156.4820, 100.1380, -19.6540

Conversions

Conversions Part 2

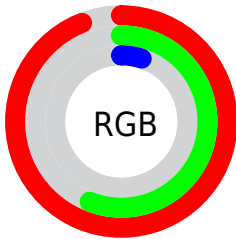
Format	Color
RYB	184, 240, 12
Decimal	15765004
CIELab	67.95, 29.80, 71.91
CIELCh	68, 77.842, 67.492
Yxy	37.8998, 0.5142, 0.4266
Android (android.graphics.Color)	4293955084 (0xFFFF08E0C)
YUV	156.4820, -71.2296, 73.2453
Hunter-Lab	61.5612, 24.7037, 38.0312

Details

The HunterLab color **61.5612, 24.7037, 38.0312** 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 **41.8592, 18.2413, -90.6528**, and the grayscale version is **58.1086, -3.1005, 3.1572**.

A 20% lighter version of the original color is **78.2879, 5.1687, 42.8725**, and **41.0235, 23.3799, 25.6878** is the 20% darker color. If you saturate the color by 10%, you get **60.3095, 27.2276, 37.6391**, and if you desaturate by 10%, it is **64.1980, 19.8202, 38.3633**.

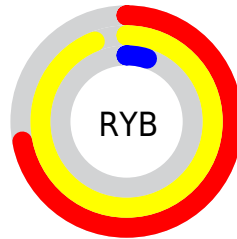
Distribution



Red (94%)

Green (56%)

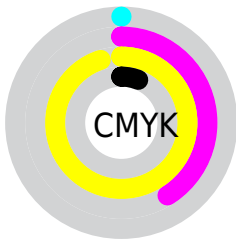
Blue (5%)



Red (72%)

Yellow (94%)

Blue (5%)

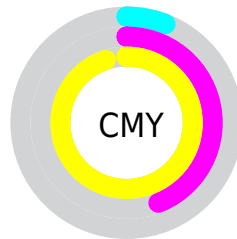


Cyan (0%)

Magenta (41%)

Yellow (95%)

Black (6%)



Cyan (6%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5612, 24.7037, 38.0312 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 61.5612, 24.7037, 38.0312 by changing the saturation by 10% instead.

61.5612, 24.7037,
38.0312

61.5612, 24.7037,
38.0312

183.6273, 28.8332,
76.4567

50.8969, 23.8351,
32.9054

84.8260, 26.1358,
47.6241

40.9299, 22.8582,
27.5618

97.3567, 26.7248,
52.1362

31.7147, 21.7562,
22.2003

110.4500, 27.2375,
56.4889

23.3186, 20.5161,
16.3230

124.0827, 27.6795,
60.7016

15.8310, 19.1325,
11.0817

138.2342, 28.0561,
64.7913

9.3795, 17.6431,
6.5656

152.8863, 28.3714,

0.0000, INF, NaN

68.7723

0.0000, NaN, NaN

168.0224, 28.6294,
72.6572

0.0000, NaN, NaN

61.5612, 24.7037,
38.0312

61.5612, 24.7037,
38.0312

60.3095, 27.2276,
37.6391

64.1980, 19.8202,
38.3633

67.0205, 15.3064,
37.7825

70.0248, 11.2083,
36.2416

73.2025, 7.5491,
33.7458

76.5442, 4.3341,
30.3301

■ 80.0399, 1.5563,
26.0455

■ 83.6797, -0.7994,
20.9506

■ 87.4541, -2.7532,
15.1069

■ 91.3541, -4.3282,
8.5747

Harmonies

Analogous

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



61.5628, 59.8450, 30.9983



61.5612, 24.7037, 38.0312



61.5628, -11.8336, 39.0523

Triad

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



61.5628, 24.6998, 38.0318



61.5628, -56.8798, -5.6104



61.5628, 43.3473, -72.3266

Complementary

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



61.5612, 24.7037, 38.0312



41.8592, 18.2413, -90.6528

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.



61.5628, 5.7504, -100.1522



61.5612, 24.7037, 38.0312



61.5628, -48.1627, -49.8488

Square

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



61.5628, 24.6998, 38.0318



61.5628, -54.0056, 23.1912



61.5628, -27.0259, -90.1969



61.5628, 72.1824, -26.5967

Rectangle

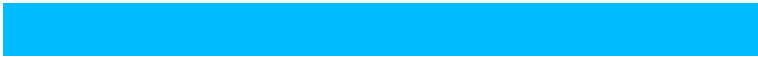
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.5612, 24.7037, 38.0312



61.5628, -31.4180, 37.4114



61.5628, -27.0259, -90.1969



61.5628, 31.0224, -84.9854

Sweetspot

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



61.5628, 24.6998, 38.0318



88.4211, -0.1222, 24.2224



44.6450, 77.5018, 8.9690



40.1273, 0.4511, 12.2957

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.5628, 24.6998, 38.0318



64.5234, 29.3519, 40.2729



88.4995, -29.3885, 53.7852



41.5392, -1.7006, 5.3702



44.9226, 19.4957, 28.0224



13.6967, 4.0850, 8.5113

Inverse Universe

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



41.8592, 18.2413, -90.6528



42.7623, 23.6073, -104.4105



26.0582, 66.1718, -170.3535



40.4302, -2.5146, -1.1195



30.0390, 15.1712, -70.2964



9.7181, 2.1916, -16.8778

Previews

White Background



This preview shows how the HunterLab color 61.5612, 24.7037, 38.0312 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 61.5612, 24.7037, 38.0312 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 61.5612, 24.7037, 38.0312 Background



This preview shows how black text looks on a background with the HunterLab color 61.5612, 24.7037, 38.0312.



This preview shows how white text looks on a background with the HunterLab color 61.5612, 24.7037,

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

61.5612, 24.7037, 38.0312

Protanopia

61.5590, -8.3439, 37.0552

Deuteranopia

61.4944, 4.5317, 37.9719



Tritanopia

61.5370, 39.6364, 13.9560

Trichromacy



Original Color

61.5612, 24.7037, 38.0312

Protanomaly

61.0569, 3.1319, 37.1221

Deuteranomaly

61.5121, 11.5305, 37.9946

Tritanomaly

61.2284, 32.2950, 27.8103

Monochromacy



Original Color

61.5612, 24.7037, 38.0312

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

58.0495, 3.1428, 22.4483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.5612, 24.7037, 38.0312 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(240, 142, 12)` looks like.

```
.text, #text, p{  
    color:rgb(240, 142, 12)  
}
```

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(240, 142, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 142, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 61.5612, 24.7037, 38.0312 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(240, 142, 12) }
```


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

```
.border{ border-color:rgb(240, 142, 12) }
```

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

Here you see how a box with a 4 pixel rgb(240, 142, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 142, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 142, 12);  
box-shadow:4px 4px 4px 4px rgb(240, 142,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.5612, 24.7037, 38.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 142, 12) }
```

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

```
.background{ background-color: rgb(240,  
142, 12) }
```

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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