

Converting Colors

HunterLab(68.8538, 11.5840,
42.6302)

Have a look what the booklet for
HunterLab(68.8538, 11.5840,
42.6302) contains.

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Color

**HunterLab(68.7409, 11.6313,
42.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A900
RGB	242, 169, 0
RGB Percent	95%, 66%, 0%
CMY	0.0510, 0.3372, 0.9999
CMYK	0.00, 0.30, 1.00, 0.05
HSL	42°, 100%, 47%
HSV	42°, 100%, 95%
XYZ	50.8058, 47.2531, 6.4429
YIQ	171.5610, 97.7570, -37.0830

Conversions

Conversions Part 2

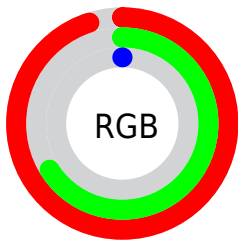
Format	Color
R_{YB}	105, 242, 0
Decimal	15902976
CIE _{Lab}	74.35, 16.33, 77.84
CIE _{LCh}	74, 79.537, 78.149
Yxy	47.2555, 0.4862, 0.4522
Android (android.graphics.Color)	4294093056 (0xFFFF2A900)
YUV	171.5610, -84.5796, 61.7750
Hunter-Lab	68.7409, 11.6313, 42.5615

Details

The HunterLab color **68.7409, 11.6313, 42.5615** is a dark color, and the websafe version is hex **CC9900**, and the color name is **bitcoin orange**. The color can be described as middle saturated orange. A complement of this color would be **33.4317, 39.7899, -127.6803**, and the grayscale version is **64.3601, -3.4341, 3.4968**.

A 20% lighter version of the original color is **86.6894, -8.9227, 48.0707**, and **47.3560, 12.0525, 29.3915** is the 20% darker color. If you saturate the color by 10%, you get **68.7414, 11.6297, 42.5617**, and if you desaturate by 10%, it is **70.7918, 8.1645, 43.0310**.

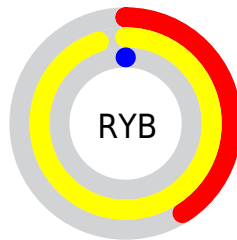
Distribution



Red (95%)

Green (66%)

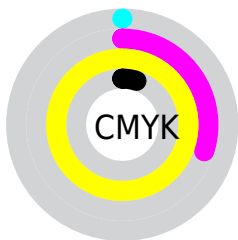
Blue (0%)



Red (41%)

Yellow (95%)

Blue (0%)

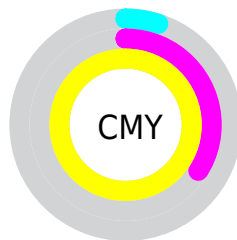


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (34%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.7409, 11.6313, 42.5615 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 68.7409, 11.6313, 42.5615 by changing the saturation by 10% instead.


 68.7409, 11.6313,
42.5615


 68.7409, 11.6313,
42.5615


193.8643, 10.8177,
82.9762


 57.6521, 11.4229,
37.2264

 92.7873, 11.8256,
52.5939


 47.2320, 11.1368,
31.6603


 105.6812, 11.8314,
57.3309


 37.5284, 10.7583,
26.2699


 119.1226, 11.7816,
61.9091

 28.5989, 10.2730,
20.0193

 133.0899, 11.6801,
66.3465

 20.5175, 9.6613,
14.3623

 147.5641, 11.5303,
70.6590

 13.3849, 8.8970,
9.3694

 162.5280, 11.3350,

 6.9419, 9.8849,

74.8604

4.8593

177.9661, 11.0967,
78.9627

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7409, 11.6313,
42.5615

■ 68.7409, 11.6313,
42.5615

■ 68.7414, 11.6297,
42.5617

■ 70.7918, 8.1645,
43.0310

■ 72.9462, 5.0173,
42.7275

■ 75.2153, 2.2628,
41.4709

■ 77.6008, -0.0698,
39.2100

■ 80.1015, -1.9665,

35.9311

■ 82.7154, -3.4240,
31.6453

■ 85.4391, -4.4469,
26.3798

■ 88.2690, -5.0453,
20.1725

■ 91.2011, -5.2332,
13.0681

Harmonies

Analogous

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



68.7426, 50.7951, 37.5592



68.7409, 11.6313, 42.5615



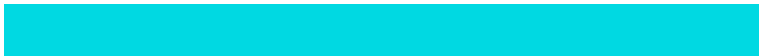
68.7426, -24.5431, 42.0642

Triad

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



68.7426, 11.6276, 42.5621



68.7426, -59.2477, -20.9766



68.7426, 58.0618, -58.8140

Complementary

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



68.7409, 11.6313, 42.5615



33.4317, 39.7899, -127.6803

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.



68.7426, 20.0316, -97.2568



68.7409, 11.6313, 42.5615



68.7426, -45.1458, -68.5876

Square

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



68.7426, 11.6276, 42.5621



68.7426, -60.5578, 16.2892



68.7426, -17.7398, -101.5615



68.7426, 81.1700, -11.7332

Rectangle

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



68.7409, 11.6313, 42.5615



68.7426, -42.4761, 38.6067



68.7426, -17.7398, -101.5615



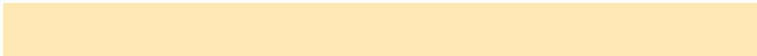
68.7426, 46.2692, -74.0495

Sweetspot

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



68.7426, 11.6276, 42.5621



90.6450, -4.7115, 28.0502



44.0547, 76.6480, 19.1276



41.3649, -1.9924, 14.1261

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7426, 11.6276, 42.5621



72.8926, 12.4526, 45.1341



86.8677, -39.1157, 52.8424



41.9609, -2.4031, 5.8208



50.6325, 8.0569, 31.3406



15.1868, 1.2540, 9.3800

Inverse Universe

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



33.4317, 39.7899, -127.6803



35.3784, 42.5193, -136.0069



26.3722, 69.4681, -171.3901



40.0076, -1.8125, -1.6421



24.9252, 27.9536, -91.4982



8.2764, 5.2612, -21.7023

Previews

White Background



This preview shows how the HunterLab color 68.7409, 11.6313, 42.5615 looks on a white background.

Color Contrast Check

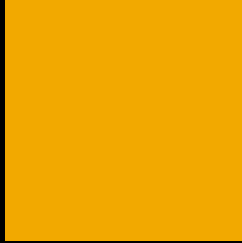
Large Text (above 18pt) WCAG AA × Fail

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 68.7409, 11.6313, 42.5615 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 68.7409, 11.6313, 42.5615 Background



This preview shows how black text looks on a background with the HunterLab color 68.7409, 11.6313, 42.5615.



This preview shows how white text looks on a background with the HunterLab color 68.7409, 11.6313,

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

68.7409, 11.6313, 42.5615

Protanopia

68.9789, -9.5464, 41.9489

Deuteranopia

68.8679, 4.9682, 42.5231



Tritanopia

68.6427, 31.4416, 10.4260

Trichromacy



Original Color

68.7409, 11.6313, 42.5615

Protanomaly

68.9041, -2.2194, 42.1724

Deuteranomaly

68.8026, 7.6142, 42.5291

Tritanomaly

67.9450, 21.5361, 29.8643

Monochromacy



Original Color

68.7409, 11.6313, 42.5615

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.8847, -2.5463, 26.7166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7409, 11.6313, 42.5615 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, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 169, 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, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 169, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7409, 11.6313, 42.5615 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, 169, 0) }
```


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

```
.border{ border-color:rgb(242, 169, 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, 169, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 169,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7409, 11.6313, 42.5615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 169, 0) }
```

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

```
.background{ background-color: rgb(242,  
169, 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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