

Converting Colors

HunterLab(66.6856, 22.7401,
41.1325)

Have a look what the booklet for
HunterLab(66.6856, 22.7401,
41.1325) contains.

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Color

**HunterLab(66.7114, 22.6931,
41.1353)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9C0E
RGB	252, 156, 14
RGB Percent	99%, 61%, 5%
CMY	0.0118, 0.3882, 0.9451
CMYK	0.00, 0.38, 0.94, 0.01
HSL	36°, 98%, 52%
HSV	36°, 94%, 99%
XYZ	52.1126, 44.5041, 6.2590
YIQ	168.5160, 102.7980, -23.8100

Conversions

Conversions Part 2

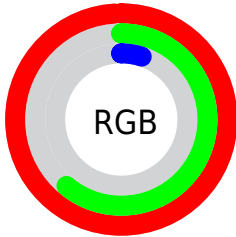
Format	Color
R _Y B	175, 252, 14
Decimal	16555022
CIE Lab	72.57, 27.49, 75.51
CIE LCh	73, 80.357, 69.997
Yxy	44.5064, 0.5065, 0.4326
Android (android.graphics.Color)	4294745102 (0xFFFC9C0E)
YUV	168.5160, -76.1764, 73.2155
Hunter-Lab	66.7114, 22.6931, 41.1353

Details

The HunterLab color **66.7114, 22.6931, 41.1353** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **42.7483, 22.5993, -100.9944**, and the grayscale version is **63.0651, -3.3650, 3.4264**.

A 20% lighter version of the original color is **82.7392, -2.2829, 45.2233**, and **45.5186, 22.0520, 28.4344** is the 20% darker color. If you saturate the color by 10%, you get **65.2854, 25.4871, 40.6747**, and if you desaturate by 10%, it is **69.4104, 17.8688, 41.4279**.

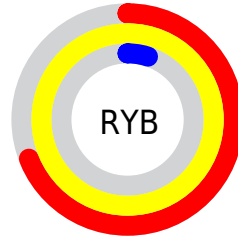
Distribution



Red (99%)

Green (61%)

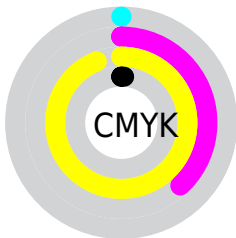
Blue (5%)



Red (69%)

Yellow (99%)

Blue (5%)

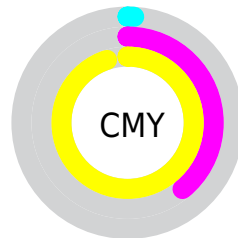


Cyan (0%)

Magenta (38%)

Yellow (94%)

Black (1%)



Cyan (1%)

Magenta (39%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7114, 22.6931, 41.1353 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 66.7114, 22.6931, 41.1353 by changing the saturation by 10% instead.

66.7114, 22.6931,
41.1353

66.7114, 22.6931,
41.1353

190.9898, 25.7702,
80.6849

55.7394, 21.9705,
35.8985

90.5424, 23.8550,
50.9676

45.4437, 21.1482,
30.4273

103.3360, 24.3185,
55.6049

35.8739, 20.2094,
25.1117

116.6812, 24.7111,
60.0845

27.0899, 19.1397,
18.9629

130.5559, 25.0379,
64.4249

19.1697, 17.9249,
13.4188

144.9409, 25.3035,
68.6421

12.2203, 16.5633,
8.5542

159.8185, 25.5119,

5.3295, 22.3217,

72.7501

3.7307

175.1729, 25.6665,
76.7609

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7114, 22.6931,
41.1353

■ 66.7114, 22.6931,
41.1353

■ 65.2854, 25.4871,
40.6747

■ 69.4104, 17.8688,
41.4279

■ 72.2861, 13.4453,
40.7488

■ 75.3365, 9.4657,
39.0433

■ 78.5552, 5.9517,
36.3107

■ 81.9340, 2.9081,

32.5813

■ 85.4645, 0.3275,
27.9035

■ 89.1378, -1.8051,
22.3350

■ 92.9451, -3.5100,
15.9373

■ 96.8784, -4.8104,
8.7721

Harmonies

Analogous

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



66.7131, 60.4966, 34.2180



66.7114, 22.6931, 41.1353



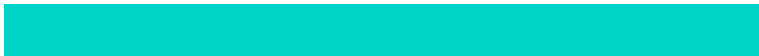
66.7131, -15.5230, 41.8840

Triad

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



66.7131, 22.6890, 41.1359



66.7131, -60.3695, -9.2828



66.7131, 48.8729, -72.2765

Complementary

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



66.7114, 22.6931, 41.1353



42.7483, 22.5993, -100.9944

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.



66.7131, 9.3034, -104.0253



66.7114, 22.6931, 41.1353



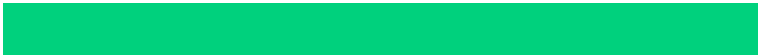
66.7131, -49.9636, -56.5186

Square

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



66.7131, 22.6890, 41.1359



66.7131, -58.3176, 22.9540



66.7131, -26.2945, -97.0603



66.7131, 77.7606, -24.0647

Rectangle

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



66.7114, 22.6931, 41.1353



66.7131, -35.6687, 39.7563



66.7131, -26.2945, -97.0603



66.7131, 36.0635, -86.1673

Sweetspot

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



66.7131, 22.6890, 41.1359



88.9978, -1.1073, 24.7566



47.1231, 81.5234, 10.7434



40.4327, -0.0741, 12.5686

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7131, 22.6890, 41.1359



66.1544, 25.8655, 41.2168



93.1857, -32.3930, 56.5889



43.5288, -1.9281, 5.7274



47.4332, 17.7370, 29.5386



15.1381, 3.9702, 9.3975

Inverse Universe

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



42.7483, 22.5993, -100.9944



41.0991, 27.4727, -110.6760



27.7129, 69.9038, -178.7309



42.1809, -2.4785, -1.3000



29.7412, 18.4432, -76.9875



10.1042, 3.3161, -19.7878

Previews

White Background



This preview shows how the HunterLab color 66.7114, 22.6931, 41.1353 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 66.7114, 22.6931, 41.1353 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 66.7114, 22.6931, 41.1353 Background



This preview shows how black text looks on a background with the HunterLab color 66.7114, 22.6931, 41.1353.



This preview shows how white text looks on a background with the HunterLab color 66.7114, 22.6931,

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

66.7114, 22.6931, 41.1353

Protanopia

66.8727, -9.2905, 40.3253

Deuteranopia

66.7418, 5.0300, 41.2140



Tritanopia

66.7546, 37.6269, 13.4612

Trichromacy



Original Color

66.7114, 22.6931, 41.1353

Protanomaly

66.6273, 1.8294, 40.4985

Deuteranomaly

66.5012, 11.2920, 41.0474

Tritanomaly

66.2597, 30.4055, 29.4024

Monochromacy



Original Color

66.7114, 22.6931, 41.1353

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.1548, 1.9956, 24.2839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7114, 22.6931, 41.1353 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(252, 156, 14)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 14)  
}
```

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(252, 156, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7114, 22.6931, 41.1353 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(252, 156, 14) }
```


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

```
.border{ border-color:rgb(252, 156, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 14);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
14) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7114, 22.6931, 41.1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 14) }
```

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

```
.background{ background-color: rgb(252,  
156, 14) }
```

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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