

Converting Colors

HunterLab(67.2779, 18.0902,
41.7730)

Have a look what the booklet for
HunterLab(67.2779, 18.0902,
41.7730) contains.

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Color

**HunterLab(67.2784, 17.8458,
41.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A100
RGB	247, 161, 0
RGB Percent	97%, 63%, 0%
CMY	0.0314, 0.3686, 0.9999
CMYK	0.00, 0.35, 1.00, 0.03
HSL	39°, 100%, 48%
HSV	39°, 100%, 97%
XYZ	51.1026, 45.2638, 6.0433
YIQ	168.3600, 102.9370, -31.8390

Conversions

Conversions Part 2

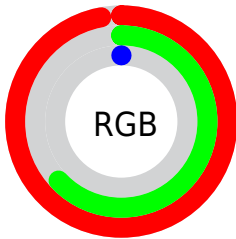
Format	Color
R_{YB}	132, 247, 0
Decimal	16228608
CIE _{Lab}	73.07, 22.67, 77.27
CIE _{LCh}	73, 80.526, 73.651
Yxy	45.2662, 0.4990, 0.4420
Android (android.graphics.Color)	4294418688 (0xFF7A100)
YUV	168.3600, -83.0015, 68.9673
Hunter-Lab	67.2784, 17.8458, 41.7691

Details

The HunterLab color **67.2784, 17.8458, 41.7691** 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 **36.5676, 34.2041, -119.5417**, and the grayscale version is **63.0279, -3.3630, 3.4244**.

A 20% lighter version of the original color is **84.2151, -5.0025, 46.7309**, and **45.9648, 17.5625, 28.6308** is the 20% darker color. If you saturate the color by 10%, you get **67.2789, 17.8442, 41.7693**, and if you desaturate by 10%, it is **69.6025, 13.6837, 42.3586**.

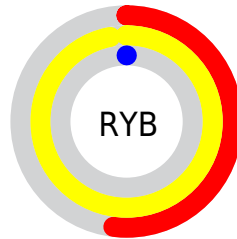
Distribution



Red (97%)

Green (63%)

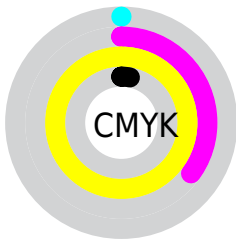
Blue (0%)



Red (52%)

Yellow (97%)

Blue (0%)

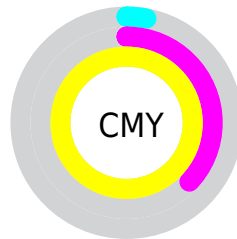


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2784, 17.8458, 41.7691 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 67.2784, 17.8458, 41.7691 by changing the saturation by 10% instead.

67.2784, 17.8458,
41.7691

67.2784, 17.8458,
41.7691

191.7943, 19.2738,
82.0791

56.2736, 17.3388,
36.4385

91.1700, 18.5999,
51.7869

45.9428, 16.7402,
30.8761

103.9918, 18.8699,
56.5139

36.3353, 16.0334,
25.4347

117.3640, 19.0750,
61.0807

27.5103, 15.2029,
19.2572

131.2648, 19.2200,
65.5057

19.5445, 14.2296,
13.6812

145.6748, 19.3092,
69.8050

12.5432, 13.0957,
8.7803

160.5766, 19.3458,

5.8268, 16.6538,

73.9924

4.0788

175.9546, 19.3332,
78.0803

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2784, 17.8458,
41.7691

■ 67.2784, 17.8458,
41.7691

■ 67.2789, 17.8442,
41.7693

■ 69.6025, 13.6837,
42.3586

■ 72.0570, 9.8541,
42.1450

■ 74.6514, 6.4342,
40.9511

■ 77.3844, 3.4540,
38.7360

■ 80.2528, 0.9265,

35.4988

■ 83.2519, -1.1477,
31.2634

■ 86.3764, -2.7765,
26.0690

■ 89.6204, -3.9736,
19.9639

■ 92.9781, -4.7567,
13.0011

Harmonies

Analogous

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



67.2801, 56.6641, 35.8146



67.2784, 17.8458, 41.7691



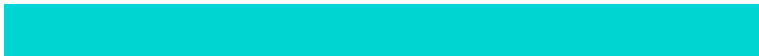
67.2801, -19.7203, 41.9726

Triad

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



67.2801, 17.8419, 41.7697



67.2801, -60.1318, -14.5420



67.2801, 53.5116, -66.9067

Complementary

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



67.2784, 17.8458, 41.7691



36.5676, 34.2041, -119.5417

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.



67.2801, 14.2117, -102.3158



67.2784, 17.8458, 41.7691



67.2801, -48.0761, -62.6335

Square

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



67.2801, 17.8419, 41.7697



67.2801, -59.5752, 20.1961



67.2801, -22.6415, -100.4267



67.2801, 80.1328, -18.5493

Rectangle

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



67.2784, 17.8458, 41.7691



67.2801, -38.9488, 39.3248



67.2801, -22.6415, -100.4267



67.2801, 41.0143, -81.6553

Sweetspot

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



67.2801, 17.8419, 41.7697



89.5447, -2.8707, 27.0637



45.2256, 78.9506, 17.5806



40.7874, -1.0233, 13.6269

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.2801, 17.8419, 41.7697



69.7220, 18.5800, 43.2877



89.5630, -37.5036, 54.5315



42.7617, -2.1971, 5.7939



49.2089, 12.4218, 30.5398



15.2320, 2.4470, 9.4287

Inverse Universe

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



36.5676, 34.2041, -119.5417



37.8531, 35.6342, -124.2370



26.6647, 70.8449, -177.9888



41.0735, -2.1143, -1.4941



27.0379, 23.7085, -84.9750



9.0962, 4.4509, -20.9777

Previews

White Background



This preview shows how the HunterLab color 67.2784, 17.8458, 41.7691 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 67.2784, 17.8458, 41.7691 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 67.2784, 17.8458, 41.7691 Background



This preview shows how black text looks on a background with the HunterLab color 67.2784, 17.8458, 41.7691.



This preview shows how white text looks on a background with the HunterLab color 67.2784, 17.8458,

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

67.2784, 17.8458, 41.7691

Protanopia

67.3643, -9.1117, 40.8833

Deuteranopia

67.4216, 4.4374, 41.6226



Tritanopia

67.4216, 36.1307, 12.5259

Trichromacy



Original Color

67.2784, 17.8458, 41.7691

Protanomaly

67.0607, 0.3402, 41.0485

Deuteranomaly

67.1788, 9.3143, 41.5583

Tritanomaly

66.7681, 26.8196, 30.4492

Monochromacy



Original Color

67.2784, 17.8458, 41.7691

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

63.1206, 0.2094, 25.8325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2784, 17.8458, 41.7691 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(247, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 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(247, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2784, 17.8458, 41.7691 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(247, 161, 0) }
```


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

```
.border{ border-color:rgb(247, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2784, 17.8458, 41.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 0) }
```

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

```
.background{ background-color: rgb(247,  
161, 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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