

Converting Colors

HunterLab(66.0706, 5.0916,
39.5981)

Have a look what the booklet for
HunterLab(66.0706, 5.0916,
39.5981) contains.

HunterLab(66.1797, 4.7363, 39.6383)	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>	31

Color

**HunterLab(66.1797, 4.7363,
39.6383)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA820
RGB	223, 168, 32
RGB Percent	87%, 66%, 13%
CMY	0.1255, 0.3412, 0.8745
CMYK	0.00, 0.25, 0.86, 0.13
HSL	43°, 75%, 50%
HSV	43°, 86%, 87%
XYZ	44.6948, 43.7975, 7.4646
YIQ	168.9410, 76.4360, -30.6360

Conversions

Conversions Part 2

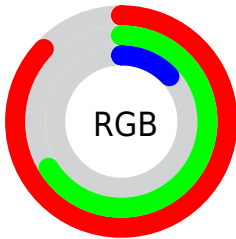
Format	Color
RYB	109, 223, 32
Decimal	14657568
CIELab	72.09, 9.10, 70.03
CIELCh	72, 70.618, 82.596
Yxy	43.7997, 0.4658, 0.4564
Android (android.graphics.Color)	4292847648 (0xFFDFA820)
YUV	168.9410, -67.5119, 47.4097
Hunter-Lab	66.1797, 4.7363, 39.6383

Details

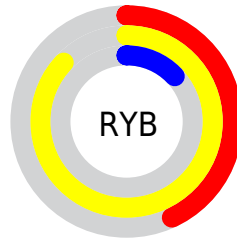
The HunterLab color **66.1797, 4.7363, 39.6383** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **35.2862, 25.8808, -95.1050**, and the grayscale version is **63.2133, -3.3729, 3.4345**.

A 20% lighter version of the original color is **86.4917, -7.8048, 46.2183**, and **45.0303, 5.8268, 27.8495** is the 20% darker color. If you saturate the color by 10%, you get **64.3459, 7.6001, 39.5258**, and if you desaturate by 10%, it is **68.1135, 2.1966, 38.9388**.

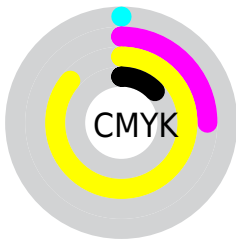
Distribution



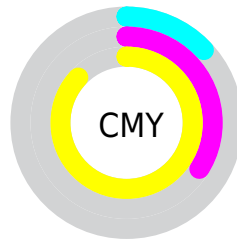
- Red (87%)
- Green (66%)
- Blue (13%)



- Red (43%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1797, 4.7363, 39.6383 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 66.1797, 4.7363, 39.6383 by changing the saturation by 10% instead.

66.1797, 4.7363,
39.6383

66.1797, 4.7363,
39.6383

190.2341, 1.4543,
76.6733

55.2386, 4.8579,
34.7257

89.9535, 4.3137,
48.8411

44.9759, 4.9177,
29.5754

102.7205, 4.0286,
53.1785

35.4417, 4.9039,
24.5112

116.0402, 3.6981,
57.3692

26.6965, 4.8047,
18.6876

129.8904, 3.3252,
61.4312

18.8194, 4.6031,
13.1736

144.2517, 2.9123,
65.3802

11.9191, 4.2735,
8.3434

159.1065, 2.4617,

4.8152, 7.9780,

69.2295

3.3707

174.4387, 1.9751,
72.9906

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1797, 4.7363,
39.6383

■ 66.1797, 4.7363,
39.6383

■ 64.3459, 7.6001,
39.5258

■ 68.1135, 2.1966,
38.9388

■ 63.5705, 8.9112,
39.3279

■ 70.1456, 0.0269,
37.3507

■ 72.2784, -1.7562,
34.8430

■ 74.5110, -3.1443,
31.4116

■ 76.8415, -4.1371,

27.0705

■ 79.2672, -4.7403,
21.8465

■ 81.7849, -4.9637,
15.7742

■ 84.3915, -4.8206,
8.8937

■ 87.0833, -4.3260,
1.2478

Harmonies

Analogous

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



66.1813, 38.9784, 35.6097



66.1797, 4.7363, 39.6383



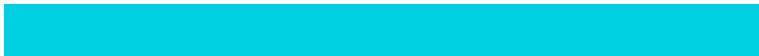
66.1813, -25.9258, 38.3832

Triad

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



66.1813, 4.7331, 39.6389



66.1813, -52.0090, -23.6286



66.1813, 53.9422, -43.7814

Complementary

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



66.1797, 4.7363, 39.6383



35.2862, 25.8808, -95.1050

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.



66.1813, 22.2961, -78.4109



66.1797, 4.7363, 39.6383



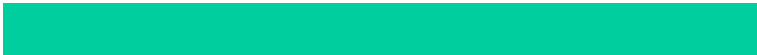
66.1813, -37.4506, -63.3720

Square

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



66.1813, 4.7331, 39.6389



66.1813, -54.9049, 10.8310



66.1813, -11.4158, -86.9270



66.1813, 70.7490, -4.5464

Rectangle

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



66.1797, 4.7363, 39.6383



66.1813, -40.8214, 34.1696



66.1813, -11.4158, -86.9270



66.1813, 44.4256, -56.9938

Sweetspot

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



66.1813, 4.7331, 39.6389



92.1196, -5.4914, 25.7908



41.7703, 66.9138, 13.3995



42.1581, -2.4468, 12.9580

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.1813, 4.7331, 39.6389



73.8532, 10.6539, 45.6945



79.4788, -34.4122, 47.3523



39.1508, -2.3086, 5.4467



48.9536, 6.4490, 30.2779



13.4618, 0.6630, 8.3067

Inverse Universe

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



35.2862, 25.8808, -95.1050



34.6999, 44.5257, -139.4900



27.6962, 57.0770, -131.3819



37.2598, -1.6232, -1.5549



23.3898, 27.7566, -89.1536



7.2793, 4.4071, -18.6121

Previews

White Background



This preview shows how the HunterLab color 66.1797, 4.7363, 39.6383 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 66.1797, 4.7363, 39.6383 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 66.1797, 4.7363, 39.6383 Background



This preview shows how black text looks on a background with the HunterLab color 66.1797, 4.7363, 39.6383.



This preview shows how white text looks on a background with the HunterLab color 66.1797, 4.7363,

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

66.1797, 4.7363, 39.6383

Protanopia

66.1118, -8.8344, 39.1571

Deuteranopia

66.1797, 4.7363, 39.6383



Tritanopia

66.0250, 24.7997, 7.8516

Trichromacy



Original Color

66.1797, 4.7363, 39.6383

Protanomaly

66.1797, -4.0499, 39.3529

Deuteranomaly

66.1797, 4.7363, 39.6383

Tritanomaly

65.5496, 15.7138, 24.8803

Monochromacy



Original Color

66.1797, 4.7363, 39.6383

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.6606, -3.4433, 22.9125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1797, 4.7363, 39.6383 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(223, 168, 32)` looks like.

```
.text, #text, p{  
    color:rgb(223, 168, 32)  
}
```

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(223, 168, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 168, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1797, 4.7363, 39.6383 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(223, 168, 32) }
```


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

```
.border{ border-color:rgb(223, 168, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 168, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 168, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 168, 32);  
box-shadow:4px 4px 4px 4px rgb(223, 168,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1797, 4.7363, 39.6383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 168, 32) }
```

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

```
.background{ background-color: rgb(223,  
168, 32) }
```

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