

Converting Colors

HunterLab(66.3680, -3.3752,
39.7981)

Have a look what the booklet for
HunterLab(66.3680, -3.3752,
39.7981) contains.

HunterLab(66.3796, -3.3945, 39.8051)	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(66.3796, -3.3945,
39.8051)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AE1D
RGB	210, 174, 29
RGB Percent	82%, 68%, 11%
CMY	0.1765, 0.3176, 0.8862
CMYK	0.00, 0.17, 0.86, 0.18
HSL	48°, 76%, 47%
HSV	48°, 86%, 82%
XYZ	41.9362, 44.0625, 7.4571
YIQ	168.2340, 68.0010, -37.4630

Conversions

Conversions Part 2

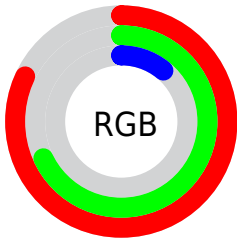
Format	Color
RYB	74, 210, 29
Decimal	13807133
CIELab	72.27, 0.17, 70.36
CIELCh	72, 70.362, 89.864
Yxy	44.0647, 0.4487, 0.4715
Android (android.graphics.Color)	4291997213 (0xFFD2AE1D)
YUV	168.2340, -68.6424, 36.6288
Hunter-Lab	66.3796, -3.3945, 39.8051

Details

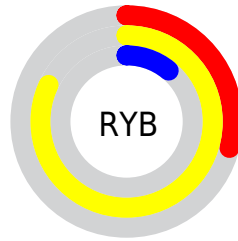
The HunterLab color **66.3796, -3.3945, 39.8051** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **29.4877, 33.3260, -103.8417**, and the grayscale version is **62.9283, -3.3577, 3.4190**.

A 20% lighter version of the original color is **88.3481, -10.8614, 47.6074**, and **45.2751, -1.4762, 27.8725** is the 20% darker color. If you saturate the color by 10%, you get **65.1189, -1.6677, 39.8874**, and if you desaturate by 10%, it is **67.7091, -4.8391, 38.9941**.

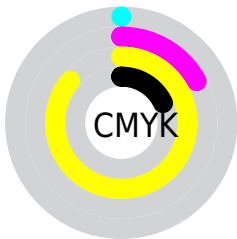
Distribution



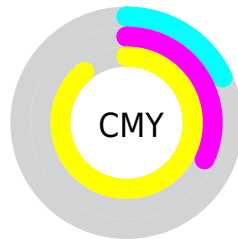
- Red (82%)
- Green (68%)
- Blue (11%)



- Red (29%)
- Yellow (82%)
- Blue (11%)



- Cyan (0%)
- Magenta (17%)
- Yellow (86%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3796, -3.3945, 39.8051 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 66.3796, -3.3945, 39.8051 by changing the saturation by 10% instead.

66.3796, -3.3945,
39.8051

66.3796, -3.3945,
39.8051

190.5183, -9.9654,
76.9761

55.4268, -2.8209,
34.8758

90.1748, -4.6523,
49.0407

45.1517, -2.2813,
29.7091

102.9519, -5.3274,
53.3941

35.6041, -1.7813,
24.6294

116.2811, -6.0322,
57.6003

26.8443, -1.3242,
18.7910

130.1406, -6.7656,
61.6774

18.9509, -0.9146,
13.2656

144.5108, -7.5266,
65.6411

12.0321, -0.5588,
8.4225

159.3742, -8.3141,

5.0149, -0.1230,

69.5048

3.5104

174.7148, -9.1273,
73.2798

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3796, -3.3945,
39.8051

■ 66.3796, -3.3945,
39.8051

■ 65.1189, -1.6677,
39.8874

■ 67.7091, -4.8391,
38.9941

■ 64.6486, -0.9673,
39.8192

■ 69.1082, -5.9557,
37.3644

■ 70.5818, -6.7246,
34.8675

■ 72.1315, -7.1328,
31.4788

■ 73.7581, -7.1738,

27.1914

■ 75.4615, -6.8470,
22.0116

■ 77.2409, -6.1558,
15.9560

■ 79.0952, -5.1072,
9.0487

■ 81.0229, -3.7106,
1.3192

Harmonies

Analogous

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



66.3812, 30.8257, 37.2028



66.3796, -3.3945, 39.8051



66.3812, -31.8807, 37.2535

Triad

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



66.3812, -3.3974, 39.8056



66.3812, -49.5045, -33.3192



66.3812, 59.5935, -33.6889

Complementary

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



66.3796, -3.3945, 39.8051



29.4877, 33.3260, -103.8417

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.



66.3812, 30.5197, -71.3577



66.3796, -3.3945, 39.8051



66.3812, -32.0919, -71.0816

Square

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



66.3812, -3.3974, 39.8056



66.3812, -55.1841, 3.7540



66.3812, -3.6935, -87.5364



66.3812, 71.2022, 3.4723

Rectangle

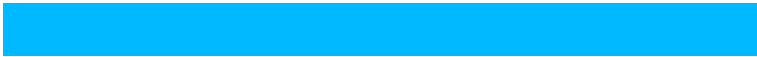
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3796, -3.3945, 39.8051



66.3812, -44.8782, 31.6426



66.3812, -3.6935, -87.5364



66.3812, 51.2943, -47.2515

Sweetspot

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



66.3812, -3.3974, 39.8056



93.9762, -8.5355, 27.4916



38.6843, 61.4001, 17.1989



43.1290, -4.0382, 13.8206

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3812, -3.3974, 39.8056



80.3635, -0.9221, 49.5035



72.9519, -37.3269, 43.3540



36.5807, -2.5555, 5.2961



50.6344, -0.9977, 31.1832



12.4003, -0.9480, 7.6244

Inverse Universe

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



29.4877, 33.3260, -103.8417



30.9233, 56.8359, -161.3438



27.1757, 55.3469, -115.3108



34.3409, -1.0935, -1.7238



19.8804, 33.9218, -98.0762



5.7865, 4.8292, -17.6575

Previews

White Background



This preview shows how the HunterLab color 66.3796, -3.3945, 39.8051 looks on a white background.

Color Contrast Check

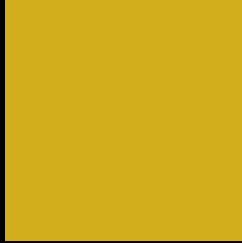
Large Text (above 18pt) WCAG AA × Fail

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 66.3796, -3.3945, 39.8051 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 66.3796, -3.3945, 39.8051 Background



This preview shows how black text looks on a background with the HunterLab color 66.3796, -3.3945, 39.8051.



This preview shows how white text looks on a background with the HunterLab color 66.3796, -3.3945,

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

66.3796, -3.3945, 39.8051

Protanopia

66.4935, -9.0542, 39.7193

Deuteranopia

66.3041, 5.1615, 39.6600



Tritanopia

66.2999, 17.9817, 5.3580

Trichromacy



Original Color

66.3796, -3.3945, 39.8051

Protanomaly

66.6149, -7.0927, 39.8304

Deuteranomaly

66.2675, 2.1444, 39.6486

Tritanomaly

65.7661, 8.1494, 24.3596

Monochromacy



Original Color

66.3796, -3.3945, 39.8051

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

63.3254, -6.2034, 23.1551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3796, -3.3945, 39.8051 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(210, 174, 29)` looks like.

```
.text, #text, p{  
    color:rgb(210, 174, 29)  
}
```

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(210, 174, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 174, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3796, -3.3945, 39.8051 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(210, 174, 29) }
```


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

```
.border{ border-color:rgb(210, 174, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 174, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 174, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 174, 29);  
box-shadow:4px 4px 4px 4px rgb(210, 174,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3796, -3.3945, 39.8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 174, 29) }
```

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

```
.background{ background-color: rgb(210,  
174, 29) }
```

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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