

Converting Colors

HunterLab(66.4643, -3.8716,
39.7761)

Have a look what the booklet for
HunterLab(66.4643, -3.8716,
39.7761) contains.

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Color

**HunterLab(66.5650, -4.2406,
39.8487)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AF1E
RGB	209, 175, 30
RGB Percent	82%, 69%, 12%
CMY	0.1804, 0.3137, 0.8823
CMYK	0.00, 0.16, 0.86, 0.18
HSL	49°, 75%, 47%
HSV	49°, 86%, 82%
XYZ	41.8588, 44.3090, 7.5746
YIQ	168.6360, 66.8090, -37.8870

Conversions

Conversions Part 2

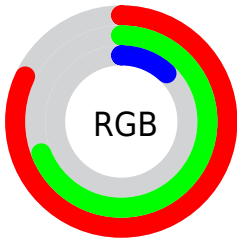
Format	Color
RYB	72, 209, 30
Decimal	13741854
CIELab	72.44, -0.78, 70.22
CIELCh	72, 70.222, 90.633
Yxy	44.3111, 0.4465, 0.4727
Android (android.graphics.Color)	4291931934 (0xFFD1AF1E)
YUV	168.6360, -68.3475, 35.3992
Hunter-Lab	66.5650, -4.2406, 39.8487

Details

The HunterLab color **66.5650, -4.2406, 39.8487** 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 **29.2345, 33.5740, -103.7342**, and the grayscale version is **63.0934, -3.3665, 3.4280**.

A 20% lighter version of the original color is **88.6617, -11.3598, 47.8154**, and **45.4422, -2.2956, 27.9611** is the 20% darker color. If you saturate the color by 10%, you get **65.3565, -2.6307, 39.9890**, and if you desaturate by 10%, it is **67.8407, -5.5682, 38.9777**.

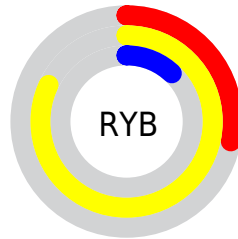
Distribution



Red (82%)

Green (69%)

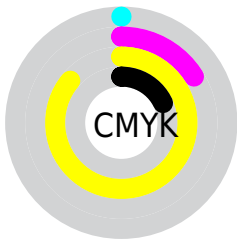
Blue (12%)



Red (28%)

Yellow (82%)

Blue (12%)

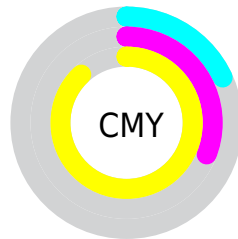


Cyan (0%)

Magenta (16%)

Yellow (86%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5650, -4.2406, 39.8487 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 66.5650, -4.2406, 39.8487 by changing the saturation by 10% instead.

66.5650, -4.2406,
39.8487

66.5650, -4.2406,
39.8487

190.7817,
-11.1682, 76.9328

55.6014, -3.6176,
34.9321

90.3802, -5.5895,
49.0608

45.3148, -3.0252,
29.7784

103.1664, -6.3069,
53.4035

35.7547, -2.4684,
24.6865

116.5046, -7.0524,
57.5996

26.9814, -1.9495,
18.8870

130.3726, -7.8249,
61.6673

19.0730, -1.4711,
13.3511

144.7511, -8.6235,
65.6221

12.1371, -1.0368,
8.4960

159.6224, -9.4474,

5.1930, -0.9283,

69.4772

3.6351

174.9707,
-10.2959, 73.2442

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5650, -4.2406,
39.8487

■ 66.5650, -4.2406,
39.8487

■ 65.3565, -2.6307,
39.9890

■ 67.8407, -5.5682,
38.9777

■ 64.8424, -1.8762,
39.9227

■ 69.1842, -6.5697,
37.2899

■ 70.6005, -7.2255,
34.7371

■ 72.0914, -7.5224,
31.2939

■ 73.6577, -7.4541,

26.9523

■ 75.2995, -7.0193,
21.7174

■ 77.0162, -6.2211,
15.6045

■ 78.8069, -5.0662,
8.6364

■ 80.6702, -3.5636,
0.8417

Harmonies

Analogous

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



66.5666, 29.9012, 37.3774



66.5650, -4.2406, 39.8487



66.5666, -32.4660, 37.1404

Triad

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



66.5666, -4.2435, 39.8492



66.5666, -49.1969, -34.2838



66.5666, 60.0384, -32.5644

Complementary

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



66.5650, -4.2406, 39.8487



29.2345, 33.5740, -103.7342

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.



66.5666, 31.3255, -70.3828



66.5650, -4.2406, 39.8487



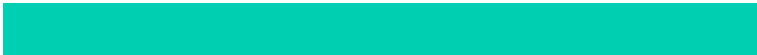
66.5666, -31.4817, -71.6661

Square

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



66.5666, -4.2435, 39.8492



66.5666, -55.1754, 2.9642



66.5666, -2.8645, -87.2833



66.5666, 71.0574, 4.2759

Rectangle

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



66.5650, -4.2406, 39.8487



66.5666, -45.2620, 31.3531



66.5666, -2.8645, -87.2833



66.5666, 51.8952, -46.1082

Sweetspot

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



66.5666, -4.2435, 39.8492



94.1641, -8.8404, 27.6624



38.5684, 60.8733, 16.9538



43.2274, -4.1975, 13.9073

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5666, -4.2435, 39.8492



81.0420, -2.0731, 49.9014



72.5898, -37.0065, 43.0779



36.6060, -2.5971, 5.3229



51.0501, -1.6996, 31.4271



12.4815, -1.0806, 7.6721

Inverse Universe

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



29.2345, 33.5740, -103.7342



30.6091, 57.9610, -163.3799



27.2097, 54.7407, -113.7153



34.3160, -1.0516, -1.7550



19.6708, 34.6448, -99.3750



5.7176, 5.0063, -17.9537

Previews

White Background



This preview shows how the HunterLab color 66.5650, -4.2406, 39.8487 looks on a white background.

Color Contrast Check

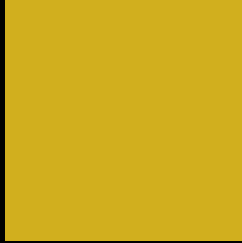
Large Text (above 18pt) WCAG AA × Fail

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 66.5650, -4.2406, 39.8487 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 66.5650, -4.2406, 39.8487 Background



This preview shows how black text looks on a background with the HunterLab color 66.5650, -4.2406, 39.8487.



This preview shows how white text looks on a background with the HunterLab color 66.5650, -4.2406,

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

66.5650, -4.2406, 39.8487

Protanopia

66.4974, -9.0325, 39.6615

Deuteranopia

66.5873, 4.6854, 39.7653



Tritanopia

66.4793, 17.2383, 5.0946

Trichromacy



Original Color

66.5650, -4.2406, 39.8487

Protanomaly

66.5129, -7.4451, 39.6991

Deuteranomaly

66.5550, 1.6727, 39.7584

Tritanomaly

65.9467, 7.3596, 24.2111

Monochromacy



Original Color

66.5650, -4.2406, 39.8487

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.7371, -6.2384, 23.2216

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5650, -4.2406, 39.8487 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(209, 175, 30)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 30)  
}
```

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(209, 175, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5650, -4.2406, 39.8487 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(209, 175, 30) }
```


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

```
.border{ border-color:rgb(209, 175, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 175, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 175, 30);  
box-shadow:4px 4px 4px 4px rgb(209, 175,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5650, -4.2406, 39.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 30) }
```

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

```
.background{ background-color: rgb(209,  
175, 30) }
```

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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