

Converting Colors

HunterLab(66.7752, -6.6208,
40.7215)

Have a look what the booklet for
HunterLab(66.7752, -6.6208,
40.7215) contains.

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Color

**HunterLab(66.7777, -6.6189,
40.7234)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB10C
RGB	206, 177, 12
RGB Percent	81%, 69%, 5%
CMY	0.1922, 0.3059, 0.9529
CMYK	0.00, 0.14, 0.94, 0.19
HSL	51°, 89%, 43%
HSV	51°, 94%, 81%
XYZ	41.2421, 44.5926, 6.7814
YIQ	166.8610, 70.2490, -45.1670

Conversions

Conversions Part 2

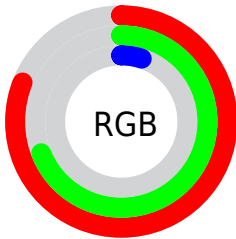
Format	Color
R_{YB}	46, 206, 12
Decimal	13545740
CIE Lab	72.62, -3.46, 73.52
CIE LCh	73, 73.601, 92.698
Yxy	44.5948, 0.4453, 0.4815
Android (android.graphics.Color)	4291735820 (0xFFCEB10C)
YUV	166.8610, -76.3465, 34.3249
Hunter-Lab	66.7777, -6.6189, 40.7234

Details

The HunterLab color **66.7777, -6.6189, 40.7234** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **24.7408, 43.8992, -123.9200**, and the grayscale version is **62.3922, -3.3291, 3.3899**.

A 20% lighter version of the original color is **89.2176, -12.7628, 49.3136**, and **45.6840, -4.2778, 28.0754** is the 20% darker color. If you saturate the color by 10%, you get **66.2294, -5.8729, 40.7074**, and if you desaturate by 10%, it is **67.7540, -7.7588, 40.3793**.

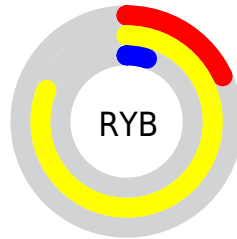
Distribution



Red (81%)

Green (69%)

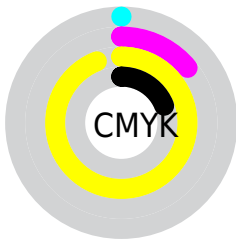
Blue (5%)



Red (18%)

Yellow (81%)

Blue (5%)

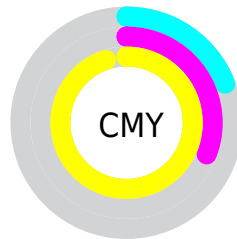


Cyan (0%)

Magenta (14%)

Yellow (94%)

Black (19%)



Cyan (19%)

Magenta (31%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7777, -6.6189, 40.7234 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 66.7777, -6.6189, 40.7234 by changing the saturation by 10% instead.

66.7777, -6.6189,
40.7234

66.7777, -6.6189,
40.7234

191.0837,
-14.5630, 79.3338

55.8018, -5.8545,
35.6081

90.6157, -8.2277,
50.3193

45.5019, -5.1114,
30.2569

103.4126, -9.0659,
54.8443

35.9277, -4.3920,
25.1494

116.7609, -9.9271,
59.2158

27.1389, -3.6955,
18.9972

130.6387,
-10.8108, 63.4523

19.2134, -3.0193,
13.4494

145.0266,
-11.7167, 67.5696

12.2579, -2.3580,
8.5805

159.9070,

5.3900, -3.0889,

-12.6443, 71.5813

3.7730

175.2642,
-13.5932, 75.4994

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.7777, -6.6189,
40.7234

■ 66.7777, -6.6189,
40.7234

■ 66.2294, -5.8729,
40.7074

■ 67.7540, -7.7588,
40.3793

■ 68.7860, -8.6134,
39.3091

■ 69.8811, -9.1520,
37.4310

■ 71.0429, -9.3519,
34.6929

■ 72.2739, -9.1987,

31.0641

■ 73.5757, -8.6843,
26.5300

■ 74.9488, -7.8055,
21.0893

■ 76.3936, -6.5636,
14.7507

■ 77.9096, -4.9630,
7.5312

Harmonies

Analogous

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



66.7793, 29.2038, 38.6784



66.7777, -6.6189, 40.7234



66.7793, -35.3897, 37.6805

Triad

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



66.7793, -6.6217, 40.7239



66.7793, -50.2240, -39.5352



66.7793, 65.1576, -31.7171

Complementary

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



66.7777, -6.6189, 40.7234



24.7408, 43.8992, -123.9200

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.



66.7793, 35.6206, -72.9109



66.7777, -6.6189, 40.7234



66.7793, -31.0282, -78.7967

Square

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



66.7793, -6.6217, 40.7239



66.7793, -57.1999, 0.6354



66.7793, -0.4559, -93.3354



66.7793, 75.2459, 6.5016

Rectangle

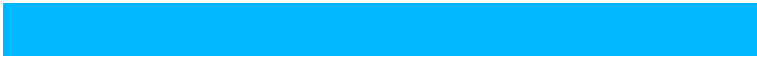
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7777, -6.6189, 40.7234



66.7793, -48.0833, 31.4397



66.7793, -0.4559, -93.3354



66.7793, 56.9175, -46.2102

Sweetspot

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



66.7793, -6.6217, 40.7239



94.6589, -10.4595, 29.8792



36.8048, 61.6276, 20.3616



43.4428, -5.0523, 15.1916

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7793, -6.6217, 40.7239



84.1589, -7.2428, 51.7315



70.4138, -40.4909, 42.3865



35.7768, -2.7112, 5.2942



52.0795, -4.7848, 32.0074



12.1606, -1.6183, 7.4650

Inverse Universe

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



24.7408, 43.8992, -123.9200



29.3488, 62.6579, -171.9438



25.3399, 58.3096, -119.9898



33.3319, -0.8431, -1.8357



18.5193, 37.0165, -103.0555



5.1543, 5.3850, -18.0671

Previews

White Background



This preview shows how the HunterLab color 66.7777, -6.6189, 40.7234 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 66.7777, -6.6189, 40.7234 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 66.7777, -6.6189, 40.7234 Background



This preview shows how black text looks on a background with the HunterLab color 66.7777, -6.6189, 40.7234.

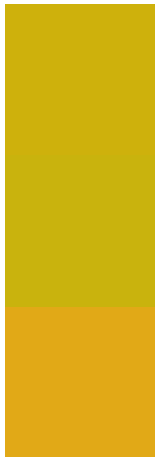


This preview shows how white text looks on a background with the HunterLab color 66.7777, -6.6189,

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

66.7777, -6.6189, 40.7234

Protanopia

66.8482, -9.4270, 40.6888

Deuteranopia

66.6673, 4.8732, 40.4445



Tritanopia

66.8457, 15.7615, 4.5726

Trichromacy



Original Color

66.7777, -6.6189, 40.7234

Protanomaly

66.7580, -8.2110, 40.6541

Deuteranomaly

66.6765, 0.5294, 40.5471

Tritanomaly

66.0737, 4.7248, 25.6953

Monochromacy



Original Color

66.7777, -6.6189, 40.7234

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

63.3224, -7.9573, 24.7984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7777, -6.6189, 40.7234 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(206, 177, 12)` looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 12)  
}
```

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(206, 177, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7777, -6.6189, 40.7234 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(206, 177, 12) }
```


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

```
.border{ border-color:rgb(206, 177, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 177, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 12);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7777, -6.6189, 40.7234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 177, 12) }
```

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

```
.background{ background-color: rgb(206,  
177, 12) }
```

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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