

Converting Colors

HunterLab(66.6660, -2.2723,
39.0069)

Have a look what the booklet for
HunterLab(66.6660, -2.2723,
39.0069) contains.

HunterLab(66.6660, -2.2723, 39.0069)	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(66.6660, -2.2723,
39.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AE2B
RGB	212, 174, 43
RGB Percent	83%, 68%, 17%
CMY	0.1686, 0.3176, 0.8314
CMYK	0.00, 0.18, 0.80, 0.17
HSL	47°, 66%, 50%
HSV	47°, 80%, 83%
XYZ	42.7235, 44.4436, 8.6122
YIQ	170.4280, 64.6990, -32.6850

Conversions

Conversions Part 2

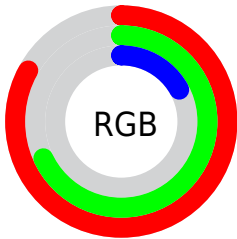
Format	Color
R _Y B	92, 212, 43
Decimal	13938219
CIE Lab	72.53, 1.44, 66.78
CIE LCh	73, 66.791, 88.764
Yxy	44.4457, 0.4461, 0.4640
Android (android.graphics.Color)	4292128299 (0xFFD4AE2B)
YUV	170.4280, -62.8220, 36.4586
Hunter-Lab	66.6660, -2.2723, 39.0069

Details

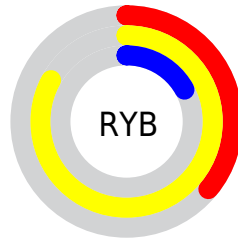
The HunterLab color **66.6660, -2.2723, 39.0069** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **33.3942, 26.1342, -89.5527**, and the grayscale version is **63.8128, -3.4049, 3.4671**.

A 20% lighter version of the original color is **88.4413, -10.3446, 46.2335**, and **45.4878, -0.7427, 28.0163** is the 20% darker color. If you saturate the color by 10%, you get **65.2068, -0.4349, 39.4913**, and if you desaturate by 10%, it is **68.2043, -3.7931, 37.7176**.

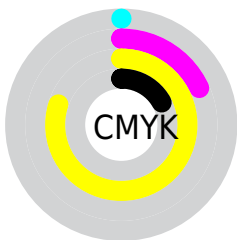
Distribution



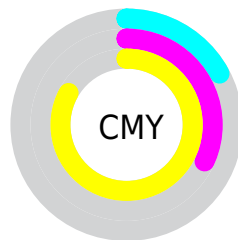
- Red (83%)
- Green (68%)
- Blue (17%)



- Red (36%)
- Yellow (83%)
- Blue (17%)



- Cyan (0%)
- Magenta (18%)
- Yellow (80%)
- Black (17%)



- Cyan (17%)
- Magenta (32%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6660, -2.2723, 39.0069 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 66.6660, -2.2723, 39.0069 by changing the saturation by 10% instead.

66.6660, -2.2723,
39.0069

66.6660, -2.2723,
39.0069

190.9251, -8.3754,
74.4664

55.6966, -1.7634,
34.3076

90.4920, -3.4109,
47.8048

45.4036, -1.2927,
29.3730

103.2833, -4.0304,
51.9526

35.8368, -0.8668,
24.3289

116.6263, -4.6819,
55.9620

27.0562, -0.4903,
18.9393

130.4990, -5.3641,
59.8506

19.1396, -0.1700,
13.3978

144.8819, -6.0756,
63.6334

12.1944, 0.0842,
8.5361

159.7575, -6.8154,

5.2875, 0.9045,

67.3234

3.7013

175.1101, -7.5822,
70.9312

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6660, -2.2723,
39.0069

■ 66.6660, -2.2723,
39.0069

■ 65.2068, -0.4349,
39.4913

■ 68.2043, -3.7931,
37.7176

■ 63.8114, 1.6624,
39.3332

■ 69.8202, -4.9626,
35.5661

■ 63.7721, 1.7235,
39.3262

■ 71.5170, -5.7689,
32.5258

■ 73.2949, -6.2051,
28.5899

■ 75.1536, -6.2703,

23.7661

■ 77.0918, -5.9684,
18.0727

■ 79.1082, -5.3069,
11.5361

■ 81.2007, -4.2958,
4.1878

■ 83.3674, -2.9474,
-3.9366

Harmonies

Analogous

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



66.6676, 30.1194, 36.1179



66.6660, -2.2723, 39.0069



66.6676, -29.8025, 36.5879

Triad

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



66.6676, -2.2752, 39.0074



66.6676, -48.0466, -29.6873



66.6676, 55.2049, -32.8217

Complementary

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



66.6660, -2.2723, 39.0069



33.3942, 26.1342, -89.5527

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.



66.6676, 27.4959, -67.3294



66.6660, -2.2723, 39.0069



66.6676, -31.6496, -65.0130

Square

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



66.6676, -2.2752, 39.0074



66.6676, -53.1567, 4.8358



66.6676, -4.8367, -81.1768



66.6676, 66.8187, 2.3990

Rectangle

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



66.6660, -2.2723, 39.0069



66.6676, -42.6050, 31.1622



66.6676, -4.8367, -81.1768



66.6676, 47.2423, -45.3898

Sweetspot

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



66.6676, -2.2752, 39.0074



93.9145, -7.5802, 25.5895



40.4239, 59.7638, 14.1188



43.0534, -3.5590, 12.9843

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.6676, -2.2752, 39.0074



79.1038, 1.3417, 48.5473



74.4778, -34.7037, 43.4655



37.4490, -2.4989, 5.3623



50.2623, 1.0840, 30.9904



12.8169, -0.5397, 7.8883

Inverse Universe

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



33.3942, 26.1342, -89.5527



33.3071, 49.3343, -147.0242



29.2569, 51.1697, -107.3024



35.2946, -1.2440, -1.6865



20.8499, 32.3677, -95.9332



6.2335, 4.7916, -18.1351

Previews

White Background



This preview shows how the HunterLab color 66.6660, -2.2723, 39.0069 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 66.6660, -2.2723, 39.0069 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 66.6660, -2.2723, 39.0069 Background



This preview shows how black text looks on a background with the HunterLab color 66.6660, -2.2723, 39.0069.



This preview shows how white text looks on a background with the HunterLab color 66.6660, -2.2723,

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

66.6660, -2.2723, 39.0069

Protanopia

66.5597, -8.6861, 38.7391

Deuteranopia

66.6428, 4.9826, 38.9435



Tritanopia

66.5642, 18.8727, 5.2217

Trichromacy



Original Color

66.6660, -2.2723, 39.0069

Protanomaly

66.6810, -6.7273, 38.8520

Deuteranomaly

66.7258, 2.3606, 39.0401

Tritanomaly

66.1137, 9.5234, 22.8993

Monochromacy



Original Color

66.6660, -2.2723, 39.0069

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.9495, -5.2612, 21.6339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6660, -2.2723, 39.0069 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(212, 174, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 174, 43)  
}
```

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(212, 174, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 174, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6660, -2.2723, 39.0069 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(212, 174, 43) }
```


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

```
.border{ border-color:rgb(212, 174, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 174, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 174, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 174, 43);  
box-shadow:4px 4px 4px 4px rgb(212, 174,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6660, -2.2723, 39.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 174, 43) }
```

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

```
.background{ background-color: rgb(212,  
174, 43) }
```

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