

# Converting Colors

HunterLab(75.0265, -5.4950,  
45.9759)

Have a look what the booklet for  
HunterLab(75.0265, -5.4950,  
45.9759) contains.

<b>HunterLab(74.9676, -5.3983, 45.9412)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(74.9676, -5.3983,  
45.9412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8C307
RGB	232, 195, 7
RGB Percent	91%, 76%, 3%
CMY	0.0902, 0.2353, 0.9725
CMYK	0.00, 0.16, 0.97, 0.09
HSL	50°, 94%, 47%
HSV	50°, 97%, 91%
XYZ	52.8322, 56.2014, 8.2644
YIQ	184.6310, 82.4000, -50.6240

# Conversions

## Conversions Part 2

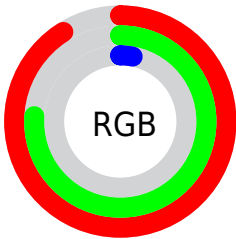
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 232, 7
Decimal	15254279
CIELab	79.73, -1.52, 80.37
CIELCh	80, 80.382, 91.081
Yxy	56.2041, 0.4504, 0.4791
Android (android.graphics.Color)	4293444359 (0xFFE8C307)
YUV	184.6310, -87.5721, 41.5426
Hunter-Lab	74.9676, -5.3983, 45.9412

# Details

The HunterLab color **74.9676, -5.3983, 45.9412** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **27.7019, 51.7487, -145.4206**, and the grayscale version is **69.8317, -3.7260, 3.7941**.

A 20% lighter version of the original color is **95.3553, -21.9514, 52.8990**, and **52.9187, -3.3301, 32.5500** is the 20% darker color. If you saturate the color by 10%, you get **74.6145, -4.8907, 45.8915**, and if you desaturate by 10%, it is **76.1677, -6.9828, 45.8442**.

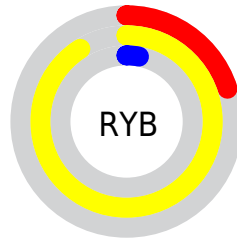
# Distribution



Red (91%)

Green (76%)

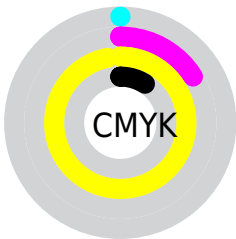
Blue (3%)



Red (20%)

Yellow (91%)

Blue (3%)

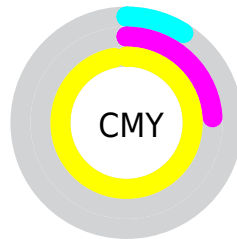


Cyan (0%)

Magenta (16%)

Yellow (97%)

Black (9%)



Cyan (9%)

Magenta (24%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9676, -5.3983, 45.9412 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 74.9676, -5.3983, 45.9412 by changing the saturation by 10% instead.



■ 74.9676, -5.3983,  
45.9412

■ 74.9676, -5.3983,  
45.9412

202.5982,  
-12.7708, 86.8560

■ 63.5347, -4.7152,  
40.5781

■ 99.6509, -6.8598,  
56.0521

■ 52.7489, -4.0590,  
34.9888

■ 112.8420, -7.6298,  
60.8384

■ 42.6537, -3.4341,  
29.3354

■ 126.5686, -8.4258,  
65.4712

■ 33.3001, -2.8419,  
23.3100

■ 140.8108, -9.2471,  
69.9672

■ 24.7521, -2.2839,  
17.3265

■ 155.5503,  
-10.0929, 74.3415

■ 17.0946, -1.7615,  
11.9662

■ 170.7710,

■ 10.4465, -1.2752,

-10.9625, 78.6071

7.3125

186.4581,  
-11.8553, 82.7752

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.9676, -5.3983,  
45.9412

■ 74.9676, -5.3983,  
45.9412

■ 74.6145, -4.8907,  
45.8915

■ 76.1677, -6.9828,  
45.8442

■ 77.4317, -8.2533,  
44.9504

■ 78.7693, -9.1660,  
43.1444

■ 80.1852, -9.6917,  
40.3586

■ 81.6823, -9.8118,

36.5534

■ 83.2624, -9.5157,  
31.7102

■ 84.9262, -8.7994,  
25.8265

■ 86.6738, -7.6638,  
18.9127

■ 88.5047, -6.1142,  
10.9889

# Harmonies

## Analogous

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



74.9694, 35.4335, 43.3392



74.9676, -5.3983, 45.9412



74.9694, -38.6488, 42.8930

# Triad

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



74.9694, -5.4015, 45.9418



74.9694, -57.6353, -42.3710



74.9694, 72.7847, -38.7979

# Complementary

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



74.9676, -5.3983, 45.9412



27.7019, 51.7487, -145.4206

# 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.



74.9694, 38.3589, -85.2496



74.9676, -5.3983, 45.9412



74.9694, -36.6697, -87.9462

# Square

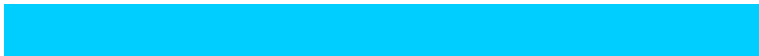
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9694, -5.4015, 45.9418



74.9694, -64.7885, 2.7343



74.9694, -2.5965, -106.6298



74.9694, 85.7306, 5.4027



# Rectangle

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



74.9676, -5.3983, 45.9412



74.9694, -53.5152, 36.2979



74.9694, -2.5965, -106.6298



74.9694, 63.0380, -55.3182

# Sweetspot

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



74.9694, -5.4015, 45.9418



94.1297, -10.0091, 30.2744



41.8257, 71.1352, 23.5674



43.1800, -4.7952, 15.3213

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.9694, -5.4015, 45.9418



82.9964, -5.3365, 51.0485



80.5587, -46.1405, 48.6837



40.4876, -3.0057, 5.9984



55.7372, -3.8787, 34.2771



15.5037, -1.6274, 9.5248



# Inverse Universe

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



27.7019, 51.7487, -145.4206



29.7841, 61.0009, -168.9109



27.8803, 67.2369, -143.9944



37.7731, -1.0158, -2.0829



20.3236, 39.3886, -110.4314



6.4889, 7.5857, -24.4859



# Previews

## White Background



This preview shows how the HunterLab color 74.9676, -5.3983, 45.9412 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

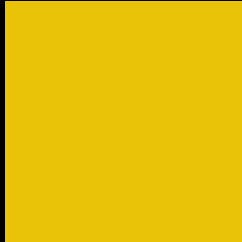
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.9676, -5.3983, 45.9412 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 74.9676, -5.3983, 45.9412 Background



This preview shows how black text looks on a background with the HunterLab color 74.9676, -5.3983, 45.9412.



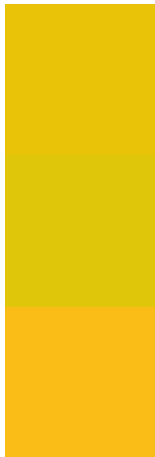
This preview shows how white text looks on a background with the HunterLab color 74.9676, -5.3983,



# 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

74.9676, -5.3983, 45.9412

### Protanopia

74.8986, -10.2903, 45.7447

### Deuteranopia

75.0655, 5.4904, 45.7516



## Tritanopia

74.8616, 20.0115, 5.5892

# Trichromacy



## Original Color

74.9676, -5.3983, 45.9412

## Protanomaly

74.9139, -8.6755, 45.8052

## Deuteranomaly

75.0711, 1.0519, 45.8581

## Tritanomaly

74.1626, 7.3744, 29.7756

# Monochromacy



## Original Color

74.9676, -5.3983, 45.9412

## Achromatopsia

69.6527, -3.7165, 3.7844

## Achromatomaly

70.9280, -8.4974, 28.7031

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9676, -5.3983, 45.9412 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(232, 195, 7)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 7)  
}
```

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(232, 195, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 7) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9676, -5.3983, 45.9412 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(232, 195, 7) }
```



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

```
.border{ border-color:rgb(232, 195, 7) }
```

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

Here you see how a box with a 4 pixel rgb(232, 195, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 195, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 195, 7);  
box-shadow:4px 4px 4px 4px rgb(232, 195,  
7) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9676, -5.3983, 45.9412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 7) }
```

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

```
.background{ background-color: rgb(232,  
195, 7) }
```

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