

# Converting Colors

HunterLab(70.4658, -42.5439,  
41.1733)

Have a look what the booklet for  
HunterLab(70.4658, -42.5439,  
41.1733) contains.

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# Color

**HunterLab(70.3598,  
-42.3208, 41.1396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82CF25
RGB	130, 207, 37
RGB Percent	51%, 81%, 15%
CMY	0.4902, 0.1882, 0.8549
CMYK	0.37, 0.00, 0.82, 0.19
HSL	87°, 70%, 48%
HSV	87°, 82%, 81%
XYZ	31.8526, 49.5050, 9.6269
YIQ	164.5970, 8.6780, -69.1940

# Conversions

## Conversions Part 2

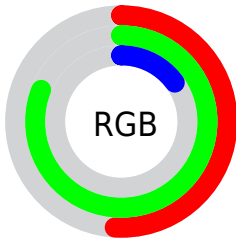
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 207, 114
Decimal	8572709
CIELab	75.77, -48.24, 69.11
CIELCh	76, 84.283, 124.912
Yxy	49.5072, 0.3501, 0.5441
Android (android.graphics.Color)	4286762789 (0xFF82CF25)
YUV	164.5970, -62.9053, -30.3416
Hunter-Lab	70.3598, -42.3208, 41.1396

# Details

The HunterLab color **70.3598, -42.3208, 41.1396** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **30.6711, 56.1221, -94.2365**, and the grayscale version is **61.4238, -3.2774, 3.3373**.

A 20% lighter version of the original color is **91.1659, -44.5074, 47.7198**, and **48.7812, -34.7723, 29.4500** is the 20% darker color. If you saturate the color by 10%, you get **69.7881, -44.7778, 41.7924**, and if you desaturate by 10%, it is **71.0294, -39.4092, 39.7690**.

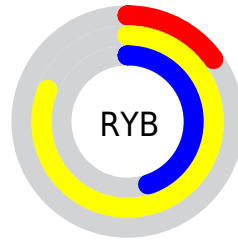
# Distribution



Red (51%)

Green (81%)

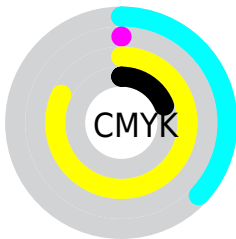
Blue (15%)



Red (15%)

Yellow (81%)

Blue (45%)

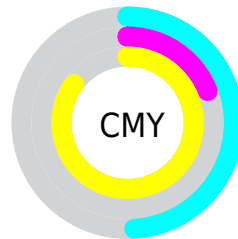


Cyan (37%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (49%)

Magenta (19%)


Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3598, -42.3208, 41.1396 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 70.3598, -42.3208, 41.1396 by changing the saturation by 10% instead.





 70.3598, -42.3208,  
41.1396


 70.3598, -42.3208,  
41.1396


196.1468,  
-68.2360, 77.3368


 59.1794, -39.0014,  
36.3655


 94.5750, -48.5851,  
50.0971


 48.6619, -35.5119,  
31.3612


 107.5476,  
-51.5710, 54.3277

 38.8539, -31.8060,  
26.1531


 121.0645,  
-54.4811, 58.4205

 29.8110, -27.8141,  
20.8677

 135.1046,  
-57.3271, 62.3926

 21.6045, -23.4282,  
15.1231

 149.6490,  
-60.1185, 66.2587

 14.3302, -19.0818,  
10.0311

 164.6808,

 7.9894, -13.9815,

-62.8630, 70.0312

5.5926

180.1847,  
-65.5670, 73.7209

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3598, -42.3208,  
41.1396

■ 70.3598, -42.3208,  
41.1396

■ 69.7881, -44.7778,  
41.7924

■ 71.0294, -39.4092,  
39.7690

■ 69.3932, -46.4446,  
41.9466


■ 71.7984, -36.0143,  
37.5956


■ 72.6726, -32.1275,  
34.5650


■ 73.6546, -27.7490,  
30.6446


■ 74.7461, -22.8874,

25.8200

 75.9475, -17.5581,  
20.0920

 77.2585, -11.7816,  
13.4737

 78.6780, -5.5821,  
5.9887

 80.2044, 1.0130,  
-2.3317

# Harmonies

## Analogous

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



70.3613, -10.1741, 44.5596



70.3598, -42.3208, 41.1396



70.3613, -60.3898, 28.1804

# Triad

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



70.3613, -42.3223, 41.1399



70.3613, -33.2786, -98.7321



70.3613, 89.5549, 9.7668

# Complementary

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



70.3598, -42.3208, 41.1396



30.6711, 56.1221, -94.2365

# 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.



70.3613, 79.5478, -34.4247



70.3598, -42.3208, 41.1396



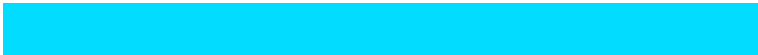
70.3613, 2.8964, -113.6727

# Square

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



70.3613, -42.3223, 41.1399



70.3613, -56.0370, -51.6696



70.3613, 45.4585, -85.4872



70.3613, 70.3894, 33.9965



# Rectangle

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



70.3598, -42.3208, 41.1396



70.3613, -64.7762, 9.9680



70.3613, 45.4585, -85.4872



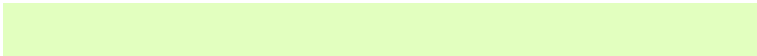
70.3613, 89.5250, -2.9163

# Sweetspot

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



70.3613, -42.3223, 41.1399



95.6458, -24.4358, 27.8646



50.3222, 25.5482, 29.3926



43.9998, -12.4156, 14.0853

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.3613, -42.3223, 41.1399



87.8392, -58.8222, 53.0469



67.3282, -54.8516, 38.9851



36.7700, -4.8046, 5.4619



55.1314, -36.6533, 33.3300



13.2147, -7.9435, 8.0038



# Inverse Universe

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



30.6711, 56.1221, -94.2365



33.2426, 78.2195, -146.8848



42.3123, 75.0684, -55.3347



34.1704, 1.1379, -1.9039



20.9394, 49.4140, -91.5431



5.4036, 12.1907, -19.2745



# Previews

## White Background



This preview shows how the HunterLab color 70.3598, -42.3208, 41.1396 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 70.3598, -42.3208, 41.1396 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

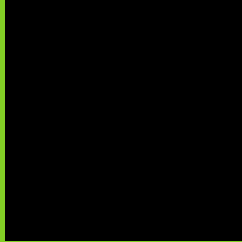
Any Text WCAG AA ✓ Pass

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 70.3598, -42.3208, 41.1396 Background



This preview shows how black text looks on a background with the HunterLab color 70.3598, -42.3208, 41.1396.



This preview shows how white text looks on a background with the HunterLab color 70.3598,

-42.3208, 41.1396.

# 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

70.3598, -42.3208, 41.1396

### Protanopia

69.8370, -9.4954, 41.7664

### Deuteranopia

69.7428, 5.3966, 40.1027



## Tritanopia

70.2634, -12.6955, -7.2812

# Trichromacy



## Original Color

70.3598, -42.3208, 41.1396

## Protanomaly

69.5677, -23.2441, 41.2341

## Deuteranomaly

68.9129, -14.2200, 39.8090

## Tritanomaly

69.5649, -27.0962, 19.2137

# Monochromacy



## Original Color

70.3598, -42.3208, 41.1396

## Achromatopsia

61.3402, -3.2730, 3.3327

## Achromatomaly

63.7385, -20.4134, 22.9746

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.3598, -42.3208, 41.1396 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(130, 207, 37)` looks like.

```
.text, #text, p{  
    color:rgb(130, 207, 37)  
}
```

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(130, 207, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 207, 37) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.3598, -42.3208, 41.1396 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(130, 207, 37) }
```



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

```
.border{ border-color:rgb(130, 207, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 207, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 207, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 207, 37);  
box-shadow:4px 4px 4px 4px rgb(130, 207,  
37) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.3598, -42.3208, 41.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 207, 37) }
```

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

```
.background{ background-color: rgb(130,  
207, 37) }
```

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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