

# Converting Colors

HunterLab(68.9265, -42.8026,  
26.4255)

Have a look what the booklet for  
HunterLab(68.9265, -42.8026,  
26.4255) contains.

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# Color

**HunterLab(68.9242,  
-42.8059, 26.4359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60CD78
RGB	96, 205, 120
RGB Percent	38%, 80%, 47%
CMY	0.6235, 0.1961, 0.5294
CMYK	0.53, 0.00, 0.41, 0.20
HSL	133°, 52%, 59%
HSV	133°, 53%, 80%
XYZ	30.0453, 47.5055, 25.3552
YIQ	162.7190, -37.6790, -49.5430

# Conversions

## Conversions Part 2

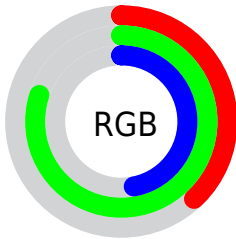
Format	Color
<b>RYB</b>	96, 185, 205
Decimal	6344056
CIELab	74.51, -49.53, 33.01
CIELCh	75, 59.526, 146.320
Yxy	47.5074, 0.2920, 0.4616
Android (android.graphics.Color)	4284534136 (0xFF60CD78)
YUV	162.7190, -21.0605, -58.5126
Hunter-Lab	68.9242, -42.8059, 26.4359

# Details

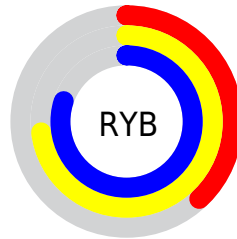
The HunterLab color  $68.9242, -42.8059, 26.4359$  is a dark color, and the websafe version is hex  $66CC66$ . A complement of this color would be  $49.6810, 48.5175, -20.7107$ , and the grayscale version is  $60.4995, -3.2281, 3.2871$ .

A 20% lighter version of the original color is  $90.2259, -45.8619, 28.8142$ , and  $47.4667, -35.8825, 21.3830$  is the 20% darker color. If you saturate the color by 10%, you get  $67.9561, -47.2862, 29.6162$ , and if you desaturate by 10%, it is  $70.1350, -37.3619, 22.8755$ .

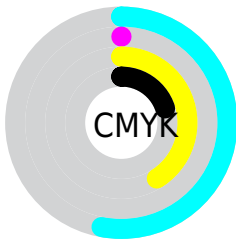
# Distribution



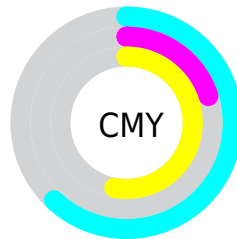
- Red (38%)
- Green (80%)
- Blue (47%)



- Red (38%)
- Yellow (73%)
- Blue (80%)



- Cyan (53%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (62%)
- Magenta (20%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.9242, -42.8059, 26.4359 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 68.9242, -42.8059, 26.4359 by changing the saturation by 10% instead.



■ 68.9242, -42.8059,  
26.4359

■ 68.9242, -42.8059,  
26.4359

194.1227,  
-69.3504, 46.3622

■ 57.8247, -39.3865,  
23.9475

■ 92.9895, -49.2431,  
31.1687

■ 47.3935, -35.7858,  
21.3474

■ 105.8924,  
-52.3061, 33.4432

■ 37.6780, -31.9533,  
18.6040

■ 119.3423,  
-55.2883, 35.6715

■ 28.7356, -27.8132,  
15.6729

■ 133.3179,  
-58.2021, 37.8619

■ 20.6399, -23.2480,  
12.5894

147.8001,  
-61.0577, 40.0213

■ 13.4910, -19.4032,  
9.4437

162.7718,

■ 7.0685, -12.3699,

-63.8633, 42.1549

4.9479

178.2173,  
-66.6256, 44.2672

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9242, -42.8059,  
26.4359

■ 68.9242, -42.8059,  
26.4359

■ 67.9561, -47.2862,  
29.6162

■ 70.1350, -37.3619,  
22.8755

■ 67.2174, -50.7886,  
32.3806

■ 71.5885, -30.9925,  
18.9763

■ 66.6945, -53.3396,  
34.7063

■ 73.2864, -23.7631,  
14.7871

■ 66.3655, -55.0080,  
36.5822


■ 75.2252, -15.7545,  
10.3587


■ 66.2231, -55.7591,


■ 77.3988, -7.0563,


37.5949

5.7412

 79.7990, 2.2390,  
0.9817

 82.4160, 12.0410,  
-3.8771

 84.6730, 20.4691,  
-9.5909

 84.9379, 21.8400,  
-13.3193

# Harmonies

## Analogous

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



68.9256, -25.8448, 35.5652



68.9242, -42.8059, 26.4359



68.9256, -49.3764, 6.9402

# Triad

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



68.9256, -42.8069, 26.4364



68.9256, -7.0830, -68.8565



68.9256, 51.1553, 22.7251

# Complementary

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



68.9242, -42.8059, 26.4359



49.6810, 48.5175, -20.7107

# 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.



68.9256, 58.2796, 0.4034



68.9242, -42.8059, 26.4359



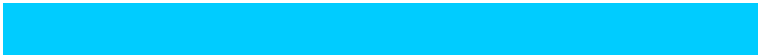
68.9256, 21.6930, -59.2687

# Square

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



68.9256, -42.8069, 26.4364



68.9256, -30.9233, -53.4913



68.9256, 46.7545, -30.8781



68.9256, 28.5834, 34.0967

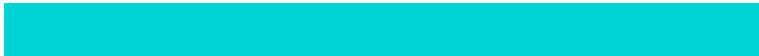


# Rectangle

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



68.9242, -42.8059, 26.4359



68.9256, -47.8955, -12.1448



68.9256, 46.7545, -30.8781



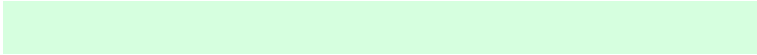
68.9256, 55.5763, 16.5812

# Sweetspot

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



68.9256, -42.8069, 26.4364



95.4902, -23.3699, 15.0045



73.7425, -24.7453, 36.1088



43.9361, -11.8093, 7.4911

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



68.9256, -42.8069, 26.4364



86.7966, -61.3399, 38.5222



70.1512, -35.4681, 8.7097



35.4637, -5.8520, 4.0277



52.2609, -43.9228, 29.4951



11.9194, -9.6681, 5.9724



# Inverse Universe

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



49.6810, 48.5175, -20.7107



58.3075, 75.0451, -30.9506



47.8278, 40.1493, 5.3320



33.7043, 2.3336, -0.2901



31.0994, 58.3768, -19.5789

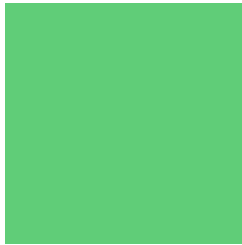


7.1393, 13.5269, -5.4692



# Previews

## White Background



This preview shows how the HunterLab color 68.9242, -42.8059, 26.4359 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 68.9242, -42.8059, 26.4359 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 68.9242, -42.8059, 26.4359 Background



This preview shows how black text looks on a background with the HunterLab color 68.9242, -42.8059, 26.4359.



This preview shows how white text looks on a background with the HunterLab color 68.9242, -42.8059, 26.4359.

-42.8059, 26.4359.

# 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

68.9242, -42.8059, 26.4359

### Protanopia

68.3708, -6.9936, 28.9659

### Deuteranopia

68.2320, 5.0721, 24.6858



## Tritanopia

68.6209, -20.2094, -10.7518

# Trichromacy



## Original Color

68.9242, -42.8059, 26.4359



## Protanomaly

67.6189, -22.3740, 27.3161



## Deuteranomaly

67.1099, -15.7825, 24.2297



## Tritanomaly

68.4671, -29.7157, 5.6492

# Monochromacy



## Original Color

68.9242, -42.8059, 26.4359



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

62.7984, -19.4103, 12.2946

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.9242, -42.8059, 26.4359 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(96, 205, 120)` looks like.

```
.text, #text, p{  
    color:rgb(96, 205, 120)  
}
```

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(96, 205, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 205, 120) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.9242, -42.8059, 26.4359 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(96, 205, 120) }
```



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

```
.border{ border-color:rgb(96, 205, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 205, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 205, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 205, 120);  
box-shadow:4px 4px 4px 4px rgb(96, 205,  
120) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.9242, -42.8059, 26.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 205, 120) }
```

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

```
.background{ background-color: rgb(96, 205,  
120) }
```

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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