

# Converting Colors

HunterLab(71.1410, -56.9542,  
42.6322)

Have a look what the booklet for  
HunterLab(71.1410, -56.9542,  
42.6322) contains.

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# Color

**HunterLab(71.2288,  
-57.0470, 42.6770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40D909
RGB	64, 217, 9
RGB Percent	25%, 85%, 4%
CMY	0.7490, 0.1490, 0.9646
CMYK	0.71, 0.00, 0.96, 0.15
HSL	104°, 92%, 44%
HSV	104°, 96%, 85%
XYZ	26.9765, 50.7354, 8.6296
YIQ	147.5410, -24.4200, -97.1240

# Conversions

## Conversions Part 2

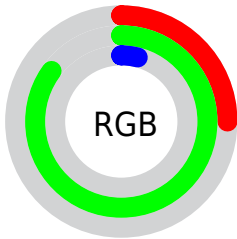
Format	Color
<a href="#">RYB</a>	<a href="#">9, 217, 162</a>
Decimal	<a href="#">4249865</a>
CIELab	<a href="#">76.52, -70.20, 73.60</a>
CIELCh	<a href="#">77, 101.712, 133.644</a>
Yxy	<a href="#">50.7376, 0.3124, 0.5876</a>
Android (android.graphics.Color)	<a href="#">4282439945</a> ( <a href="#">0xFF40D909</a> )
YUV	<a href="#">147.5410, -68.3007, -73.2655</a>
Hunter-Lab	<a href="#">71.2288, -57.0470, 42.6770</a>

# Details

The HunterLab color **71.2288, -57.0470, 42.6770** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **35.9037, 74.0367, -84.9895**, and the grayscale version is **54.5095, -2.9085, 2.9616**.

A 20% lighter version of the original color is **87.9070, -57.7681, 47.0751**, and **50.4874, -43.2929, 30.3522** is the 20% darker color. If you saturate the color by 10%, you get **71.0691, -57.7580, 42.7813**, and if you desaturate by 10%, it is **71.7142, -54.9031, 42.1725**.

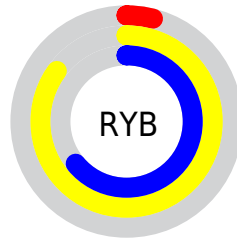
# Distribution



Red (25%)

Green (85%)

Blue (4%)



Red (4%)

Yellow (85%)

Blue (64%)

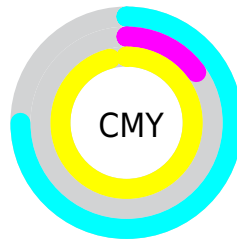


Cyan (71%)

Magenta (0%)

Yellow (96%)

Black (15%)



Cyan (75%)

Magenta (15%)


Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.2288, -57.0470, 42.6770 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 71.2288, -57.0470, 42.6770 by changing the saturation by 10% instead.





 71.2288, -57.0470,  
42.6770

 71.2288, -57.0470,  
42.6770


197.3685,  
-92.4175, 80.8669


 59.9998, -52.3629,  
37.6444


 95.5336, -65.7863,  
52.1325


 49.4308, -47.4023,  
32.3807


 108.5481,  
-69.9078, 56.6000


 39.5675, -42.0951,  
27.0056


 122.1051,  
-73.8977, 60.9214

 30.4647, -36.3409,  
21.3253

 136.1839,  
-77.7746, 65.1139

 22.1921, -29.9936,  
15.5345

 150.7656,  
-81.5535, 69.1927

 14.8434, -25.6803,  
10.3904

 165.8335,

 8.4957, -14.8676,

-85.2470, 73.1706

5.9470

181.3724,  
-88.8654, 77.0588

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2288, -57.0470,  
42.6770

■ 71.2288, -57.0470,  
42.6770

■ 71.0691, -57.7580,  
42.7813

■ 71.7142, -54.9031,  
42.1725

■ 72.3620, -51.9895,  
40.9753

■ 73.1859, -48.2644,  
38.9848

■ 74.1939, -43.7141,  
36.1421

■ 75.3910, -38.3484,

32.4199

■ 76.7791, -32.1962,  
27.8167

■ 78.3580, -25.3008,  
22.3519

■ 80.1255, -17.7166,  
16.0611

■ 82.0775, -9.5047,  
8.9920

# Harmonies

## Analogous

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



71.2303, -24.3299, 47.3307



71.2288, -57.0470, 42.6770



71.2303, -72.5874, 24.4666

# Triad

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



71.2303, -57.0481, 42.6773



71.2303, -28.0189, -142.6946



71.2303, 110.1656, 21.6615

# Complementary

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



71.2288, -57.0470, 42.6770



35.9037, 74.0367, -84.9895

# 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.



71.2303, 108.4056, -25.6081



71.2288, -57.0470, 42.6770



71.2303, 19.3453, -145.5085

# Square

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



71.2303, -57.0481, 42.6773



71.2303, -59.1281, -87.4663



71.2303, 71.9068, -93.6643



71.2303, 76.2193, 41.7887



# Rectangle

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



71.2288, -57.0470, 42.6770



71.2303, -74.5893, -1.9422



71.2303, 71.9068, -93.6643



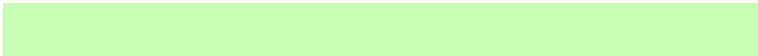
71.2303, 113.9577, 9.2437

# Sweetspot

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



71.2303, -57.0481, 42.6773



93.3916, -33.3047, 29.1940



63.6022, 5.1833, 39.0404



42.8323, -17.0473, 14.8016

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.2303, -57.0481, 42.6773



85.2804, -69.4890, 51.3329



70.7015, -58.8950, 39.2274



38.4341, -5.9190, 5.4910



55.3333, -44.7685, 33.3124



14.2313, -10.7746, 8.5806



# Inverse Universe

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



35.9037, 74.0367, -84.9895



42.2617, 89.4580, -105.1199



42.1821, 77.7882, -25.0440



36.1839, 2.0971, -1.6756



27.5470, 58.1837, -67.5370

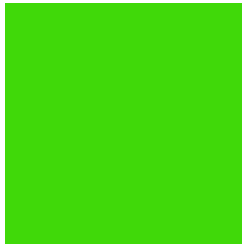


7.2981, 15.1902, -16.1520



# Previews

## White Background



This preview shows how the HunterLab color 71.2288, -57.0470, 42.6770 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 71.2288, -57.0470, 42.6770 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 71.2288, -57.0470, 42.6770 Background



This preview shows how black text looks on a background with the HunterLab color 71.2288, -57.0470, 42.6770.



This preview shows how white text looks on a background with the HunterLab color 71.2288, -57.0470, 42.6770.

-57.0470, 42.6770.

# 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

71.2288, -57.0470, 42.6770

### Protanopia

70.5800, -10.0943, 43.3143

### Deuteranopia

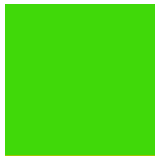
70.5040, 4.9646, 41.2696



## Tritanopia

71.0571, -23.9685, -11.9799

# Trichromacy



## Original Color

71.2288, -57.0470, 42.6770



## Protanomaly

69.3704, -32.5208, 42.1028



## Deuteranomaly

68.3325, -24.6073, 40.4269



## Tritanomaly

69.8956, -41.5941, 20.6331

# Monochromacy



## Original Color

71.2288, -57.0470, 42.6770



## Achromatopsia

54.4186, -2.9036, 2.9567



## Achromatomaly

58.7640, -28.6068, 24.2988

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.2288, -57.0470, 42.6770 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(64, 217, 9)` looks like.

```
.text, #text, p{  
    color:rgb(64, 217, 9)  
}
```

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(64, 217, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 217, 9) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.2288, -57.0470, 42.6770 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(64, 217, 9) }
```



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

```
.border{ border-color:rgb(64, 217, 9) }
```

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

Here you see how a box with a 4 pixel rgb(64, 217, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 217, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 217, 9);  
box-shadow:4px 4px 4px 4px rgb(64, 217, 9)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 71.2288, -57.0470, 42.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 217, 9) }
```

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

```
.background{ background-color: rgb(64, 217,  
9) }
```

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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