

Converting Colors

HunterLab(71.0129, -57.6766,
40.3220)

Have a look what the booklet for
HunterLab(71.0129, -57.6766,
40.3220) contains.

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Color

**HunterLab(71.0129,
-57.6766, 40.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED931
RGB	46, 217, 49
RGB Percent	18%, 85%, 19%
CMY	0.8196, 0.1490, 0.8078
CMYK	0.79, 0.00, 0.77, 0.15
HSL	121°, 69%, 52%
HSV	121°, 79%, 85%
XYZ	26.4940, 50.4283, 11.2430
YIQ	146.7190, -47.9880, -88.5000

Conversions

Conversions Part 2

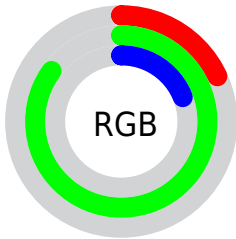
Format	Color
RYB	46, 214, 217
Decimal	3070257
CIELab	76.33, -71.36, 65.36
CIELCh	76, 96.772, 137.513
Yxy	50.4304, 0.3005, 0.5720
Android (android.graphics.Color)	4281260337 (0xFF2ED931)
YUV	146.7190, -48.1755, -88.3306
Hunter-Lab	71.0129, -57.6766, 40.3220

Details

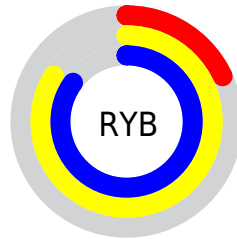
The HunterLab color **71.0129, -57.6766, 40.3220** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **46.4341, 79.1597, -51.2310**, and the grayscale version is **54.1057, -2.8869, 2.9397**.

A 20% lighter version of the original color is **87.5894, -58.6409, 43.5299**, and **50.1414, -42.9963, 30.1442** is the 20% darker color. If you saturate the color by 10%, you get **70.6456, -59.4425, 41.5851**, and if you desaturate by 10%, it is **71.6186, -54.8166, 38.3297**.

Distribution



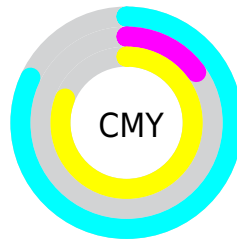
- Red (18%)
- Green (85%)
- Blue (19%)



- Red (18%)
- Yellow (84%)
- Blue (85%)



- Cyan (79%)
- Magenta (0%)
- Yellow (77%)
- Black (15%)





- Cyan (82%)
- Magenta (15%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.0129, -57.6766, 40.3220 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 71.0129, -57.6766, 40.3220 by changing the saturation by 10% instead.


 71.0129, -57.6766,
40.3220

 71.0129, -57.6766,
40.3220


197.0652,
-93.5823, 74.7241


 59.7959, -52.9130,
35.7938


 95.2955, -66.5583,
48.8167


 49.2397, -47.8658,
31.0417


 108.2996,
-70.7446, 52.8313


 39.3901, -42.4634,
26.0435


 121.8467,
-74.7957, 56.7178

 30.3021, -36.6031,
21.2115

 135.9158,
-78.7307, 60.4927

 22.0459, -30.1363,
15.4321

 150.4883,
-82.5651, 64.1698

 14.7155, -25.7522,
10.3009

 165.5473,

 8.3730, -14.6527,

-86.3117, 67.7609

5.8611

181.0775,
-89.9811, 71.2762

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.0129, -57.6766,
40.3220

■ 71.0129, -57.6766,
40.3220

■ 70.6456, -59.4425,
41.5851

■ 71.6186, -54.8166,
38.3297

■ 70.4688, -60.2951,
42.2131

■ 72.4831, -50.7778,
35.5589


■ 70.4529, -60.3710,
42.2636


■ 73.6243, -45.5355,
31.9972


■ 75.0515, -39.1111,
27.6622


■ 76.7685, -31.5647,

22.5967

 78.7735, -22.9857,
16.8617

 81.0609, -13.4820,
10.5302

 83.6215, -3.1707,
3.6806

 86.4440, 7.8298,
-3.6086

Harmonies

Analogous

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



71.0144, -28.3527, 46.3065



71.0129, -57.6766, 40.3220



71.0144, -70.8425, 19.6703

Triad

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



71.0144, -57.6776, 40.3223



71.0144, -21.8139, -135.7935



71.0144, 100.9583, 24.7029

Complementary

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



71.0129, -57.6766, 40.3220



46.4341, 79.1597, -51.2310

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.



71.0144, 103.9994, -16.6910



71.0129, -57.6766, 40.3220



71.0144, 24.6373, -131.0162

Square

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



71.0144, -57.6776, 40.3223



71.0144, -53.9387, -89.5555



71.0144, 73.3345, -78.9609



71.0144, 65.8508, 42.0108

Rectangle

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



71.0129, -57.6766, 40.3220



71.0144, -71.6090, -7.9584



71.0144, 73.3345, -78.9609



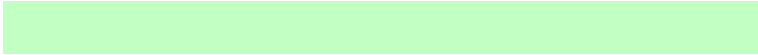
71.0144, 106.0332, 13.9515

Sweetspot

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



71.0144, -57.6776, 40.3223



93.2188, -33.3191, 24.0662



80.0901, -21.8485, 47.0552



42.7395, -17.0850, 12.2515

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.0144, -57.6776, 40.3223



84.6429, -72.1564, 50.5216



72.0692, -51.1529, 24.8520



38.2229, -6.6673, 5.1730



54.8156, -46.9608, 32.8603



13.9569, -11.9228, 8.2930

Inverse Universe

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



46.4341, 79.1597, -51.2310



53.3762, 103.0708, -66.4458



42.7576, 65.1637, -1.1437



36.4290, 2.9082, -1.2597



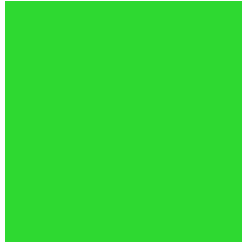
34.4173, 67.4116, -43.4262



8.7676, 17.1838, -11.1487

Previews

White Background



This preview shows how the HunterLab color 71.0129, -57.6766, 40.3220 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 71.0129, -57.6766, 40.3220 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 71.0129, -57.6766, 40.3220 Background



This preview shows how black text looks on a background with the HunterLab color 71.0129, -57.6766, 40.3220.



This preview shows how white text looks on a background with the HunterLab color 71.0129, -57.6766, 40.3220.

-57.6766, 40.3220.

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

71.0129, -57.6766, 40.3220

Protanopia

70.2868, -9.3579, 41.3770

Deuteranopia

70.1151, 5.3779, 38.9403



Tritanopia

70.7165, -25.1794, -13.0547

Trichromacy



Original Color

71.0129, -57.6766, 40.3220



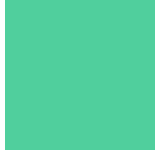
Protanomaly

68.5960, -33.5814, 39.6210



Deuteranomaly

67.8416, -26.1537, 37.6097



Tritanomaly

69.8323, -41.1597, 15.2270

Monochromacy



Original Color

71.0129, -57.6766, 40.3220



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

58.2819, -28.3286, 20.1180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.0129, -57.6766, 40.3220 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(46, 217, 49)` looks like.

```
.text, #text, p{  
    color:rgb(46, 217, 49)  
}
```

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(46, 217, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 217, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 71.0129, -57.6766, 40.3220 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(46, 217, 49) }
```


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

```
.border{ border-color:rgb(46, 217, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 217, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 217, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 217, 49);  
box-shadow:4px 4px 4px 4px rgb(46, 217,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.0129, -57.6766, 40.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 217, 49) }
```

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

```
.background{ background-color: rgb(46, 217,  
49) }
```

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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