

# Converting Colors

HunterLab(66.0750, -36.9707,  
31.5355)

Have a look what the booklet for  
HunterLab(66.0750, -36.9707,  
31.5355) contains.

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# Color

**HunterLab(66.1940,  
-37.0889, 31.6737)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79C359
RGB	121, 195, 89
RGB Percent	47%, 76%, 35%
CMY	0.5255, 0.2353, 0.6510
CMYK	0.38, 0.00, 0.54, 0.24
HSL	102°, 47%, 56%
HSV	102°, 54%, 76%
XYZ	29.2035, 43.8165, 16.3694
YIQ	160.7900, -10.0780, -48.6540

# Conversions

## Conversions Part 2

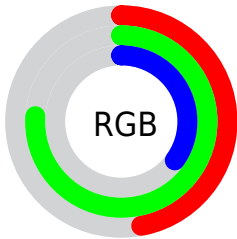
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 195, 163
Decimal	7979865
CIELab	72.11, -42.37, 45.56
CIELCh	72, 62.220, 132.925
Yxy	43.8183, 0.3267, 0.4902
Android (android.graphics.Color)	4286169945 (0xFF79C359)
YUV	160.7900, -35.3925, -34.8958
Hunter-Lab	66.1940, -37.0889, 31.6737

# Details

The HunterLab color **66.1940, -37.0889, 31.6737** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **43.4428, 41.1965, -42.9762**, and the grayscale version is **59.7577, -3.1885, 3.2468**.

A 20% lighter version of the original color is **89.9561, -42.6821, 37.8161**, and **45.1016, -31.0173, 24.9475** is the 20% darker color. If you saturate the color by 10%, you get **65.2823, -41.1955, 34.3174**, and if you desaturate by 10%, it is **67.2640, -32.3168, 28.2524**.

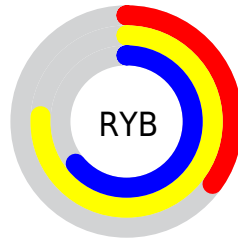
# Distribution



Red (47%)

Green (76%)

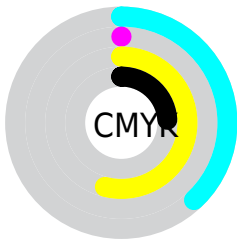
Blue (35%)



Red (35%)

Yellow (76%)

Blue (64%)

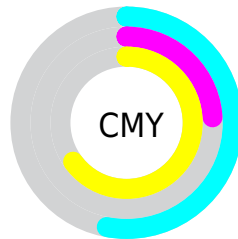


Cyan (38%)

Magenta (0%)

Yellow (54%)

Black (24%)



Cyan (53%)

Magenta (24%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1940, -37.0889, 31.6737 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 66.1940, -37.0889, 31.6737 by changing the saturation by 10% instead.



■ 66.1940, -37.0889,  
31.6737

■ 66.1940, -37.0889,  
31.6737

190.2542,  
-60.7154, 57.3141

■ 55.2519, -34.0785,  
28.3431

■ 89.9691, -42.7753,  
37.9258

■ 44.9883, -30.9137,  
24.8343

■ 102.7368,  
-45.4903, 40.8922

■ 35.4531, -27.5492,  
21.1074

■ 116.0571,  
-48.1396, 43.7749

■ 26.7069, -23.9149,  
17.1744

■ 129.9081,  
-50.7343, 46.5871

■ 18.8286, -19.8993,  
13.1800

144.2700,  
-53.2827, 49.3391

■ 11.9270, -17.2882,  
8.3489

159.1253,

■ 4.8296, -8.4517,

-55.7921, 52.0397

3.3807

174.4582,  
-58.2680, 54.6960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1940, -37.0889,  
31.6737

■ 66.1940, -37.0889,  
31.6737

■ 65.2823, -41.1955,  
34.3174

■ 67.2640, -32.3168,  
28.2524

■ 64.5213, -44.6218,  
36.2034

■ 68.4893, -26.9003,  
24.0517

■ 63.9068, -47.3756,  
37.3787

■ 69.8709, -20.8763,  
19.0886

■ 63.4298, -49.4852,  
37.9229

■ 71.4067, -14.2886,  
13.3928


■ 63.2121, -50.4409,


■ 73.0935, -7.1858,


38.0679

7.0037

 74.9272, 0.3812,  
-0.0324

 76.9028, 8.3611,  
-7.6655

 79.0149, 16.7039,  
-15.8439

 80.8706, 23.3790,  
-19.1199

# Harmonies

## Analogous

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



66.1954, -15.4356, 37.0700



66.1940, -37.0889, 31.6737



66.1954, -48.4695, 17.2413

# Triad

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



66.1954, -37.0902, 31.6741



66.1954, -18.9761, -68.8104



66.1954, 59.3139, 14.3053

# Complementary

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



66.1940, -37.0889, 31.6737



43.4428, 41.1965, -42.9762

# 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.



66.1954, 57.9264, -13.7433



66.1940, -37.0889, 31.6737



66.1954, 9.2694, -70.7265

# Square

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



66.1954, -37.0902, 31.6741



66.1954, -39.3000, -43.0614



66.1954, 38.4083, -47.5316



66.1954, 41.9269, 30.3166

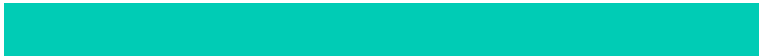


# Rectangle

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



66.1940, -37.0889, 31.6737



66.1954, -50.1350, 0.8671



66.1954, 38.4083, -47.5316



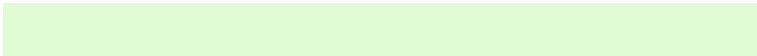
66.1954, 61.1042, 6.2272

# Sweetspot

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



66.1954, -37.0902, 31.6741



95.1565, -20.8427, 19.4362



61.6172, -0.2633, 28.8687



44.3236, -10.6348, 9.8640

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



66.1954, -37.0902, 31.6741



87.1827, -55.9491, 46.4104



64.9985, -41.3401, 26.2753



33.7682, -5.0502, 4.8086



50.9981, -40.5033, 30.7157



10.7733, -7.6976, 6.5037



# Inverse Universe

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



43.4428, 41.1965, -42.9762



51.7494, 67.3044, -72.8779



46.7606, 47.4746, -22.1533



31.7648, 1.6835, -1.4607



24.5273, 52.4444, -65.0848



5.4268, 11.3324, -12.2981



# Previews

## White Background



This preview shows how the HunterLab color 66.1940, -37.0889, 31.6737 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 66.1940, -37.0889, 31.6737 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

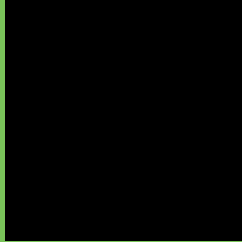
Any Text WCAG AA ✓ Pass

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 66.1940, -37.0889, 31.6737 Background



This preview shows how black text looks on a background with the HunterLab color 66.1940, -37.0889, 31.6737.



This preview shows how white text looks on a background with the HunterLab color 66.1940,

-37.0889, 31.6737.

# 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

66.1940, -37.0889, 31.6737

### Protanopia

65.7855, -7.6961, 33.0264

### Deuteranopia

65.8004, 4.5856, 30.6547



## Tritanopia

65.9038, -13.0212, -7.6828

# Trichromacy



## Original Color

66.1940, -37.0889, 31.6737



## Protanomaly

65.4581, -19.8682, 32.2027



## Deuteranomaly

65.1574, -12.7940, 30.5023



## Tritanomaly

65.5094, -23.4762, 10.6789

# Monochromacy



## Original Color

66.1940, -37.0889, 31.6737



## Achromatopsia

59.6993, -3.1854, 3.2436



## Achromatomaly

61.4389, -16.9568, 15.4416

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.1940, -37.0889, 31.6737 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(121, 195, 89)` looks like.

```
.text, #text, p{  
    color:rgb(121, 195, 89)  
}
```

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(121, 195, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 195, 89) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.1940, -37.0889, 31.6737 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(121, 195, 89) }
```



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

```
.border{ border-color:rgb(121, 195, 89) }
```

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

Here you see how a box with a 4 pixel rgb(121, 195, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 195, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 195, 89);  
box-shadow:4px 4px 4px 4px rgb(121, 195,  
89) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.1940, -37.0889, 31.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 195, 89) }
```

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

```
.background{ background-color: rgb(121,  
195, 89) }
```

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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