

# Converting Colors

HunterLab(74.2270, -52.4087,  
36.2639)

Have a look what the booklet for  
HunterLab(74.2270, -52.4087,  
36.2639) contains.

<b>HunterLab(74.2917, -52.3877, 36.2208)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(74.2917,  
-52.3877, 36.2208)**

# Conversions

Conversions Part 1	
Format	Color
Hex	59DE5F
RGB	89, 222, 95
RGB Percent	35%, 87%, 37%
CMY	0.6510, 0.1294, 0.6274
CMYK	0.60, 0.00, 0.57, 0.13
HSL	123°, 67%, 61%
HSV	123°, 60%, 87%
XYZ	32.3066, 55.1926, 19.7769
YIQ	167.7550, -38.5010, -67.6930

# Conversions

## Conversions Part 2

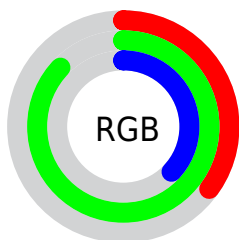
Format	Color
<a href="#">RYB</a>	<a href="#">89, 216, 222</a>
Decimal	<a href="#">5889631</a>
CIELab	<a href="#">79.15, -61.20, 50.79</a>
CIELCh	<a href="#">79, 79.527, 140.309</a>
Yxy	<a href="#">55.1949, 0.3012, 0.5145</a>
Android (android.graphics.Color)	<a href="#">4284079711</a> (0xFF59DE5F)
YUV	<a href="#">167.7550, -35.8682, -69.0681</a>
Hunter-Lab	<a href="#">74.2917, -52.3877, 36.2208</a>

# Details

The HunterLab color **74.2917, -52.3877, 36.2208** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **52.5671, 64.5226, -39.7539**, and the grayscale version is **62.6306, -3.3418, 3.4028**.

A 20% lighter version of the original color is **89.5931, -49.3065, 35.5270**, and **52.3761, -43.8213, 29.1320** is the 20% darker color. If you saturate the color by 10%, you get **73.4321, -56.4255, 39.0576**, and if you desaturate by 10%, it is **75.4340, -47.1364, 32.6216**.

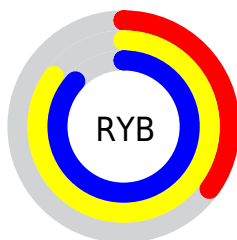
# Distribution



Red (35%)

Green (87%)

Blue (37%)



Red (35%)

Yellow (85%)

Blue (87%)

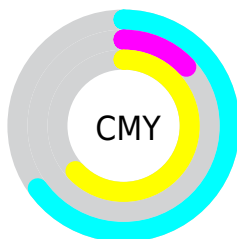


Cyan (60%)

Magenta (0%)

Yellow (57%)

Black (13%)



Cyan (65%)

Magenta (13%)


Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.2917, -52.3877, 36.2208 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 74.2917, -52.3877, 36.2208 by changing the saturation by 10% instead.





 74.2917, -52.3877,  
36.2208

 74.2917, -52.3877,  
36.2208


201.6557,  
-83.5926, 63.7516

 62.8950, -48.3283,  
32.6658


 98.9072, -60.0120,  
42.9198

 52.1478, -44.0509,  
28.9361


 112.0668,  
-63.6289, 46.1052

 42.0938, -39.5004,  
24.9970


 125.7631,  
-67.1424, 49.2031

 32.7847, -34.5971,  
20.8091

 139.9761,  
-70.5673, 52.2260

 24.2856, -29.2233,  
16.9999

154.6874,  
-73.9156, 55.1844

 16.6826, -23.6149,  
11.6778

169.8808,

 10.0974, -17.6704,


-77.1973, 58.0867


7.0681


185.5414,  
-80.4206, 60.9404


0.0000, NaN, NaN


0.0000, NaN, NaN


 74.2917, -52.3877,  
36.2208


 74.2917, -52.3877,  
36.2208


 73.4321, -56.4255,  
39.0576


 75.4340, -47.1364,  
32.6216


 72.8334, -59.2757,  
41.1385

 76.8646, -40.6869,  
28.2793

 72.4713, -61.0251,  
42.5044

 78.5890, -33.0982,  
23.2382

 72.2969, -61.8795,  
43.2252


 80.6060, -24.4582,  
17.5593

 72.2957, -61.8851,


 82.9103, -14.8743,

43.2289

11.3148

 85.4931, -4.4639,  
4.5815

 88.3430, 6.6539,  
-2.5638

 89.8469, 12.4576,  
-6.8503

# Harmonies

## Analogous

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



74.2932, -27.7422, 44.2250



74.2917, -52.3877, 36.2208



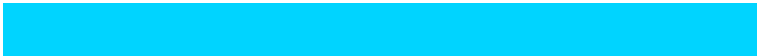
74.2932, -63.3086, 14.8531

# Triad

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



74.2932, -52.3888, 36.2212



74.2932, -15.9122, -102.7941



74.2932, 78.0571, 24.4077

# Complementary

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



74.2917, -52.3877, 36.2208



52.5671, 64.5226, -39.7539

# 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.



74.2932, 83.0008, -8.6813



74.2917, -52.3877, 36.2208



74.2932, 23.2313, -95.6123

# Square

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



74.2932, -52.3888, 36.2212



74.2932, -45.2350, -72.1367



74.2932, 61.2892, -55.7140



74.2932, 48.8962, 40.1842



# Rectangle

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



74.2917, -52.3877, 36.2208



74.2932, -63.2188, -9.5519



74.2932, 61.2892, -55.7140



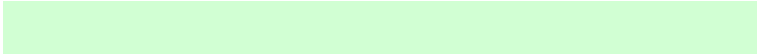
74.2932, 82.8060, 15.4743

# Sweetspot

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



74.2932, -52.3888, 36.2212



94.7637, -26.7073, 19.2965



82.3440, -21.1680, 43.5642



43.4975, -13.8099, 9.8785

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.2932, -52.3888, 36.2212



85.7026, -67.0339, 46.4274



75.4350, -45.4487, 19.5705



39.1755, -6.8008, 5.1976



55.7212, -47.6694, 33.2579



14.6823, -12.4735, 8.5752



# Inverse Universe

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



52.5671, 64.5226, -39.7539



57.0221, 88.8565, -54.5620



49.9116, 53.1662, -3.1283



37.3154, 2.9444, -1.1694



34.7156, 67.5960, -40.7017

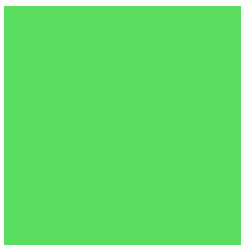


9.1581, 17.8602, -10.9546



# Previews

## White Background



This preview shows how the HunterLab color 74.2917, -52.3877, 36.2208 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

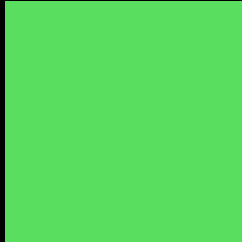
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.2917, -52.3877, 36.2208 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 74.2917, -52.3877, 36.2208 Background



This preview shows how black text looks on a background with the HunterLab color 74.2917, -52.3877, 36.2208.



This preview shows how white text looks on a background with the HunterLab color 74.2917,

-52.3877, 36.2208.

# 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

74.2917, -52.3877, 36.2208

### Protanopia

73.6892, -9.0173, 38.1654

### Deuteranopia

73.4132, 5.6420, 34.5421




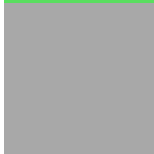

## Tritanopia

73.9006, -22.9716, -12.0157

# Trichromacy

	<b>Original Color</b> 74.2917, -52.3877, 36.2208
	<b>Protanomaly</b> 72.7530, -28.6571, 36.6261
	<b>Deuteranomaly</b> 71.7761, -20.3869, 33.7010
	<b>Tritanomaly</b> 73.5215, -36.0717, 10.7056

# Monochromacy

	<b>Original Color</b> 74.2917, -52.3877, 36.2208
	<b>Achromatopsia</b> 62.5758, -3.3389, 3.3999
	<b>Achromatomaly</b> 65.8624, -24.6344, 17.4681

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.2917, -52.3877, 36.2208 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(89, 222, 95)` looks like.

```
.text, #text, p{  
    color:rgb(89, 222, 95)  
}
```

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(89, 222, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 222, 95) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.2917, -52.3877, 36.2208 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(89, 222, 95) }
```



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

```
.border{ border-color:rgb(89, 222, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 222, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 222, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 222, 95);  
box-shadow:4px 4px 4px 4px rgb(89, 222,  
95) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.2917, -52.3877, 36.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 222, 95) }
```

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

```
.background{ background-color: rgb(89, 222,  
95) }
```

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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