

# Converting Colors

HunterLab(74.6740, -52.2168,  
33.1589)

Have a look what the booklet for  
HunterLab(74.6740, -52.2168,  
33.1589) contains.

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# Color

**HunterLab(74.6740,  
-52.2168, 33.1589)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53DF6F
RGB	83, 223, 111
RGB Percent	33%, 87%, 44%
CMY	0.6745, 0.1255, 0.5647
CMYK	0.63, 0.00, 0.50, 0.13
HSL	132°, 69%, 60%
HSV	132°, 63%, 87%
XYZ	32.8242, 55.7621, 24.0721
YIQ	168.3720, -47.4880, -64.5120

# Conversions

## Conversions Part 2

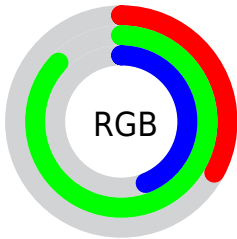
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 200, 223
Decimal	5496687
CIELab	79.48, -60.75, 43.68
CIELCh	79, 74.824, 144.280
Yxy	55.7644, 0.2914, 0.4950
Android (android.graphics.Color)	4283686767 (0xFF53DF6F)
YUV	168.3720, -28.2844, -74.8712
Hunter-Lab	74.6740, -52.2168, 33.1589

# Details

The HunterLab color **74.6740, -52.2168, 33.1589** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **50.8091, 63.4729, -27.8298**, and the grayscale version is **62.8577, -3.3539, 3.4152**.

A 20% lighter version of the original color is **89.5859, -48.7248, 30.7903**, and **52.8807, -43.1427, 27.0364** is the 20% darker color. If you saturate the color by 10%, you get **73.8603, -56.0821, 36.1870**, and if you desaturate by 10%, it is **75.7495, -47.2534, 29.6359**.

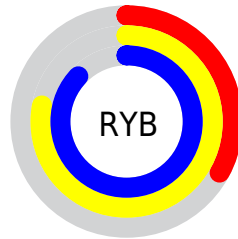
# Distribution



Red (33%)

Green (87%)

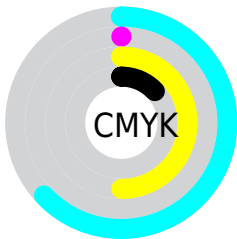
Blue (44%)



Red (33%)

Yellow (78%)

Blue (87%)

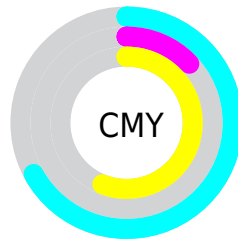


Cyan (63%)

Magenta (0%)

Yellow (50%)

Black (13%)



Cyan (67%)

Magenta (13%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.6740, -52.2168, 33.1589 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 74.6740, -52.2168, 33.1589 by changing the saturation by 10% instead.





 74.6740, -52.2168,  
33.1589


 74.6740, -52.2168,  
33.1589


202.1887,  
-83.2032, 57.5216


 63.2566, -48.1913,  
30.0559


 99.3277, -59.7814,  
39.0300


 52.4876, -43.9514,  
26.8070


 112.5051,  
-63.3716, 41.8341

 42.4103, -39.4432,  
23.3788


 126.2186,  
-66.8601, 44.5692

 33.0759, -34.5886,  
19.7285

 140.4481,  
-70.2613, 47.2460

 24.5492, -29.2721,  
15.9783

155.1754,  
-73.5873, 49.8730

 16.9153, -23.6214,  
11.8407

170.3842,

 10.2944, -18.0152,

-76.8477, 52.4574

7.2061

186.0599,  
-80.0507, 55.0053

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6740, -52.2168,  
33.1589

■ 74.6740, -52.2168,  
33.1589

■ 73.8603, -56.0821,  
36.1870

■ 75.7495, -47.2534,  
29.6359

■ 73.2869, -58.8754,  
38.6960

■ 77.0925, -41.2013,  
25.6534

■ 72.9307, -60.6770,  
40.6788


■ 78.7094, -34.1085,  
21.2595


■ 72.7763, -61.4912,  
41.7779


■ 80.6000, -26.0487,  
16.5091


■ 82.7607, -17.1138,

11.4607

 85.1842, -7.4058,  
6.1726

 87.8611, 2.9701,  
0.7000

 90.0975, 11.6693,  
-5.8299

 90.1430, 11.9099,  
-6.4725

# Harmonies

## Analogous

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



74.6755, -30.3321, 42.5879



74.6740, -52.2168, 33.1589



74.6755, -61.0584, 10.3239

# Triad

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



74.6755, -52.2178, 33.1594



74.6755, -10.7515, -95.3845



74.6755, 70.0176, 26.3579

# Complementary

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



74.6740, -52.2168, 33.1589



50.8091, 63.4729, -27.8298

# 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.



74.6755, 77.9589, -2.7879



74.6740, -52.2168, 33.1589



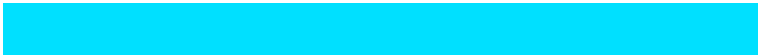
74.6755, 26.6037, -84.1111

# Square

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



74.6755, -52.2178, 33.1594



74.6755, -40.2014, -71.4216



74.6755, 60.8034, -45.3978



74.6755, 40.7889, 40.1623



# Rectangle

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



74.6740, -52.2168, 33.1589



74.6755, -59.8497, -14.0356



74.6755, 60.8034, -45.3978



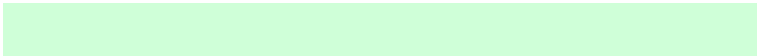
74.6755, 75.4710, 18.5294

# Sweetspot

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



74.6755, -52.2178, 33.1594



94.7053, -26.6509, 17.1167



80.6255, -29.3863, 43.1483



43.4913, -13.6807, 8.6908

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.6755, -52.2178, 33.1594



85.7677, -66.3115, 42.9987



76.1268, -43.4242, 12.0999



39.2197, -6.5536, 4.5644



55.8154, -47.0782, 31.8640



14.7382, -12.1236, 7.7499



# Inverse Universe

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



50.8091, 63.4729, -27.8298



54.6766, 85.6704, -35.8072



48.3281, 52.9269, 6.9024



37.2642, 2.6704, -0.4425



33.3769, 62.8990, -22.9284

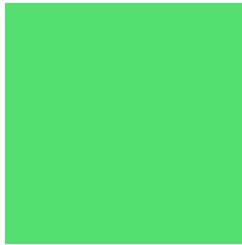


8.8559, 16.8021, -6.9602



# Previews

## White Background



This preview shows how the HunterLab color 74.6740, -52.2168, 33.1589 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

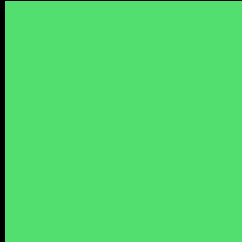
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.6740, -52.2168, 33.1589 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 74.6740, -52.2168, 33.1589 Background



This preview shows how black text looks on a background with the HunterLab color 74.6740, -52.2168, 33.1589.



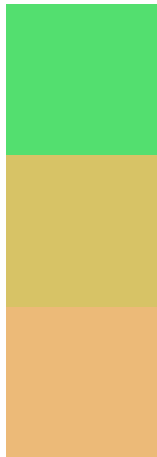
This preview shows how white text looks on a background with the HunterLab color 74.6740,

-52.2168, 33.1589.

# 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

74.6740, -52.2168, 33.1589

### Protanopia

73.7812, -8.3019, 35.2168

### Deuteranopia

73.6931, 5.5692, 31.2105



## Tritanopia

74.3533, -24.5307, -12.5635

# Trichromacy



## Original Color

74.6740, -52.2168, 33.1589



## Protanomaly

72.7310, -28.3303, 33.4258



## Deuteranomaly

71.9962, -20.7305, 30.1413



## Tritanomaly

74.1534, -36.7290, 8.3510

# Monochromacy



## Original Color

74.6740, -52.2168, 33.1589



## Achromatopsia

62.5758, -3.3389, 3.3999



## Achromatomaly

65.8721, -24.3187, 15.3189

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.6740, -52.2168, 33.1589 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(83, 223, 111)` looks like.

```
.text, #text, p{  
    color:rgb(83, 223, 111)  
}
```

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(83, 223, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 223, 111) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.6740, -52.2168, 33.1589 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(83, 223, 111) }
```



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

```
.border{ border-color:rgb(83, 223, 111) }
```

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

Here you see how a box with a 4 pixel rgb(83, 223, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 223, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 223, 111);  
box-shadow:4px 4px 4px 4px rgb(83, 223,  
111) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.6740, -52.2168, 33.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 223, 111) }
```

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

```
.background{ background-color: rgb(83, 223,  
111) }
```

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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