

# Converting Colors

HunterLab(77.3517, -53.8755,  
33.5832)

Have a look what the booklet for  
HunterLab(77.3517, -53.8755,  
33.5832) contains.

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# Color

**HunterLab(77.3517,  
-53.8755, 33.5832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55E676
RGB	85, 230, 118
RGB Percent	33%, 90%, 46%
CMY	0.6667, 0.0980, 0.5372
CMYK	0.63, 0.00, 0.49, 0.10
HSL	134°, 74%, 62%
HSV	134°, 63%, 90%
XYZ	35.3131, 59.8329, 26.8272
YIQ	173.8770, -50.4680, -65.5720

# Conversions

## Conversions Part 2

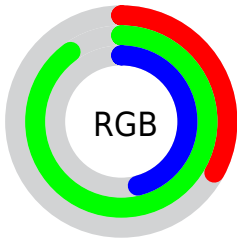
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 203, 230
Decimal	5629558
CIELab	81.75, -61.88, 43.15
CIELCh	82, 75.436, 145.111
Yxy	59.8353, 0.2895, 0.4905
Android (android.graphics.Color)	4283819638 (0xFF55E676)
YUV	173.8770, -27.5474, -77.9451
Hunter-Lab	77.3517, -53.8755, 33.5832

# Details

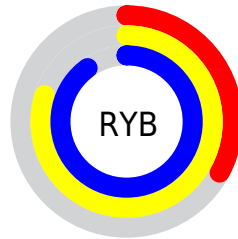
The HunterLab color **77.3517, -53.8755, 33.5832** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **52.2994, 65.3443, -26.5153**, and the grayscale version is **65.1351, -3.4754, 3.5389**.

A 20% lighter version of the original color is **89.8857, -47.2457, 28.8155**, and **55.0277, -44.6344, 27.5729** is the 20% darker color. If you saturate the color by 10%, you get **76.5145, -57.8567, 36.7459**, and if you desaturate by 10%, it is **78.4571, -48.7746, 29.9539**.

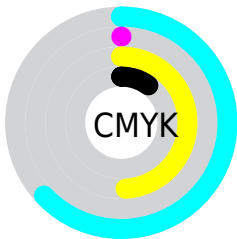
# Distribution



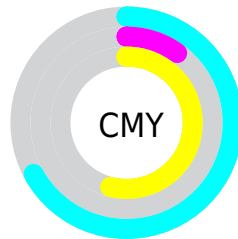
- Red (33%)
- Green (90%)
- Blue (46%)



- Red (33%)
- Yellow (80%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)
- Black (10%)




- Cyan (67%)
- Magenta (10%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.3517, -53.8755, 33.5832 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 77.3517, -53.8755, 33.5832 by changing the saturation by 10% instead.





 77.3517, -53.8755,  
33.5832


 77.3517, -53.8755,  
33.5832


205.9103,  
-85.1612, 57.5938

 65.7920, -49.8239,  
30.5424


 102.2696,  
-61.5010, 39.3499

 54.8721, -45.5629,  
27.3644


 115.5706,  
-65.1241, 42.1094

 44.6338, -41.0416,  
24.0179


 129.4028,  
-68.6462, 44.8038

 35.1257, -36.1864,  
20.4624

 143.7468,  
-72.0817, 47.4432

 26.4091, -30.8904,  
16.6671

158.5847,  
-75.4421, 50.0356

 18.5637, -25.0063,  
12.9946

173.9007,

 11.6997, -20.4745,

-78.7370, 52.5879

8.1898

189.6803,  
-81.9744, 55.1057

■ 4.3998, -7.6996,  
3.0798

0.0000, NaN, NaN

■ 77.3517, -53.8755,  
33.5832

■ 77.3517, -53.8755,  
33.5832

■ 76.5145, -57.8567,  
36.7459

■ 78.4571, -48.7746,  
29.9539

■ 75.9234, -60.7458,  
39.4127


■ 79.8367, -42.5627,  
25.8967


■ 75.5541, -62.6257,  
41.5703


■ 81.4972, -35.2881,  
21.4617

■ 75.3969, -63.4641,  
42.7611

■ 83.4388, -27.0249,  
16.7046

 85.6577, -17.8663,  
11.6838

 88.1469, -7.9157,  
6.4567

 90.8967, 2.7199,  
1.0769

 92.2366, 8.0897,  
-3.8368

# Harmonies

## Analogous

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



77.3533, -31.8308, 43.6443



77.3517, -53.8755, 33.5832



77.3533, -62.5816, 9.7098

# Triad

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



77.3533, -53.8765, 33.5837



77.3533, -10.0475, -96.8274



77.3533, 70.6037, 27.6043

# Complementary

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



77.3517, -53.8755, 33.5832



52.2994, 65.3443, -26.5153

# 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.



77.3533, 79.3769, -1.7247



77.3517, -53.8755, 33.5832



77.3533, 28.1137, -84.4412

# Square

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



77.3533, -53.8765, 33.5837



77.3533, -40.4629, -73.4593



77.3533, 62.5969, -44.8020



77.3533, 40.4580, 41.4908



# Rectangle

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



77.3517, -53.8755, 33.5832



77.3533, -61.0994, -15.3898



77.3533, 62.5969, -44.8020



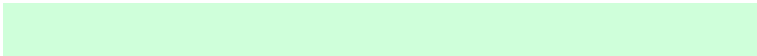
77.3533, 76.3625, 19.7312

# Sweetspot

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



77.3533, -53.8765, 33.5837



94.7420, -26.4416, 16.5888



83.2691, -31.2898, 44.6426



43.5103, -13.5718, 8.4171

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.3533, -53.8765, 33.5837



85.7582, -66.2733, 42.3865



78.8656, -44.7176, 11.6540



40.1779, -6.6779, 4.5641



56.7429, -47.6662, 31.9740



15.4701, -12.6750, 8.0254



# Inverse Universe

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



52.2994, 65.3443, -26.5153



54.1449, 85.4576, -32.5474



49.8292, 54.8506, 8.1439



38.1525, 2.6980, -0.3282



33.6981, 63.1434, -20.3521

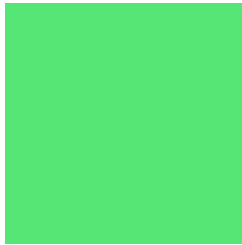


9.2353, 17.4302, -6.5471



# Previews

## White Background



This preview shows how the HunterLab color 77.3517, -53.8755, 33.5832 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 77.3517, -53.8755, 33.5832 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 77.3517, -53.8755, 33.5832 Background



This preview shows how black text looks on a background with the HunterLab color 77.3517, -53.8755, 33.5832.



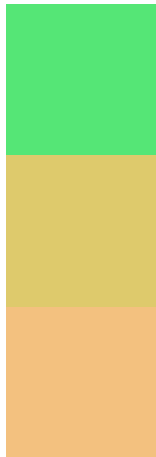
This preview shows how white text looks on a background with the HunterLab color 77.3517,

-53.8755, 33.5832.

# 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

77.3517, -53.8755, 33.5832

### Protanopia

76.7159, -8.7204, 36.1546

### Deuteranopia

76.6335, 5.3281, 31.7800



## Tritanopia

77.1203, -25.5291, -13.3512

# Trichromacy



## Original Color

77.3517, -53.8755, 33.5832



## Protanomaly

75.5165, -29.3761, 33.9833



## Deuteranomaly

74.8578, -21.4108, 30.6491



## Tritanomaly

76.8847, -38.0145, 8.2536

# Monochromacy



## Original Color

77.3517, -53.8755, 33.5832



## Achromatopsia

65.0590, -3.4714, 3.5348



## Achromatomaly

68.3136, -24.7513, 15.1276

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.3517, -53.8755, 33.5832 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(85, 230, 118)` looks like.

```
.text, #text, p{  
    color:rgb(85, 230, 118)  
}
```

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(85, 230, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 230, 118) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.3517, -53.8755, 33.5832 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(85, 230, 118) }
```



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

```
.border{ border-color:rgb(85, 230, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 230, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 230, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 230, 118);  
box-shadow:4px 4px 4px 4px rgb(85, 230,  
118) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.3517, -53.8755, 33.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 230, 118) }
```

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

```
.background{ background-color: rgb(85, 230,  
118) }
```

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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