

# Converting Colors

HunterLab(78.3287, -53.6119,  
34.8203)

Have a look what the booklet for  
HunterLab(78.3287, -53.6119,  
34.8203) contains.

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# Color

**HunterLab(78.3287,  
-53.6119, 34.8203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE874
RGB	94, 232, 116
RGB Percent	37%, 91%, 45%
CMY	0.6314, 0.0902, 0.5451
CMYK	0.59, 0.00, 0.50, 0.09
HSL	130°, 75%, 64%
HSV	130°, 59%, 91%
XYZ	36.6251, 61.3539, 26.4352
YIQ	177.5140, -45.0120, -65.3320

# Conversions

## Conversions Part 2

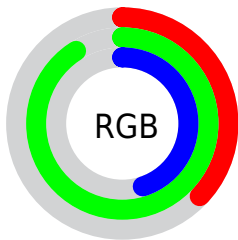
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">94, 213, 232</a>
Decimal	<a href="#">6219892</a>
CIELab	<a href="#">82.57, -61.02, 45.18</a>
CIELCh	<a href="#">83, 75.924, 143.485</a>
Yxy	<a href="#">61.3564, 0.2944, 0.4931</a>
Android (android.graphics.Color)	<a href="#">4284409972 (0xFF5EE874)</a>
YUV	<a href="#">177.5140, -30.3264, -73.2418</a>
Hunter-Lab	<a href="#">78.3287, -53.6119, 34.8203</a>

# Details

The HunterLab color **78.3287, -53.6119, 34.8203** 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 **54.6034, 64.3517, -31.4344**, and the grayscale version is **66.6580, -3.5567, 3.6217**.

A 20% lighter version of the original color is **90.2719, -45.8082, 29.8452**, and **55.7047, -45.3944, 28.3676** is the 20% darker color. If you saturate the color by 10%, you get **77.3961, -58.0056, 38.1050**, and if you desaturate by 10%, it is **79.5456, -48.0316, 30.9507**.

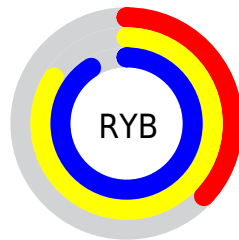
# Distribution



Red (37%)

Green (91%)

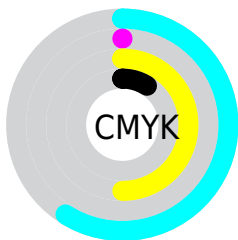
Blue (45%)



Red (37%)

Yellow (84%)

Blue (91%)

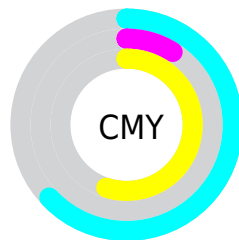


Cyan (59%)

Magenta (0%)

Yellow (50%)

Black (9%)



Cyan (63%)

Magenta (9%)


Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.3287, -53.6119, 34.8203 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 78.3287, -53.6119, 34.8203 by changing the saturation by 10% instead.





 78.3287, -53.6119,  
34.8203


 78.3287, -53.6119,  
34.8203


207.2630,  
-84.4704, 59.6684

 66.7180, -49.6273,  
31.6647


 103.3416,  
-61.1201, 40.8006

 55.7440, -45.4408,  
28.3661


 116.6870,  
-64.6909, 43.6599

 45.4479, -41.0035,  
24.8931


 130.5620,  
-68.1641, 46.4500

 35.8778, -36.2452,  
21.2056

 144.9471,  
-71.5535, 49.1813

 27.0935, -31.0637,  
17.2860

159.8249,  
-74.8702, 51.8623

 19.1729, -25.3037,  
13.4210

175.1795,

 12.2230, -21.3902,

-78.1237, 54.5000

8.5561

190.9966,  
-81.3215, 57.1004

■ 5.3340, -9.3344,  
3.7338

0.0000, NaN, NaN

■ 78.3287, -53.6119,  
34.8203

■ 78.3287, -53.6119,  
34.8203

■ 77.3961, -58.0056,  
38.1050

■ 79.5456, -48.0316,  
30.9507

■ 76.7269, -61.2278,  
40.7813


■ 81.0511, -41.2867,  
26.5340


■ 76.2989, -63.3499,  
42.8470


■ 82.8503, -33.4388,  
21.6236

■ 76.0679, -64.5454,  
44.3136

■ 84.9417, -24.5754,  
16.2811

 76.0586, -64.5936,  
44.3724

 87.3200, -14.8011,  
10.5725

 89.9763, -4.2291,  
4.5639

 92.7559, 6.5440,  
-1.8708

 92.8416, 7.0028,  
-3.0867

# Harmonies

## Analogous

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



78.3303, -30.6012, 44.4322



78.3287, -53.6119, 34.8203



78.3303, -63.1445, 11.5706

# Triad

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



78.3303, -53.6130, 34.8208



78.3303, -12.1049, -97.3816



78.3303, 72.4542, 26.7487

# Complementary

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



78.3287, -53.6119, 34.8203



54.6034, 64.3517, -31.4344

# 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.



78.3303, 79.9122, -3.8228



78.3287, -53.6119, 34.8203



78.3303, 26.2775, -86.8435

# Square

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



78.3303, -53.6130, 34.8208



78.3303, -42.2289, -72.1034



78.3303, 61.6929, -47.7341



78.3303, 42.8771, 41.5163



# Rectangle

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



78.3287, -53.6119, 34.8203



78.3303, -62.1225, -13.2436



78.3303, 61.6929, -47.7341



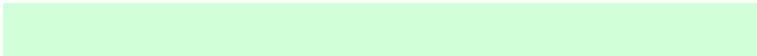
78.3303, 77.8334, 18.4783

# Sweetspot

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



78.3303, -53.6130, 34.8208



94.9049, -25.9023, 17.2632



85.0985, -27.6215, 44.5756



43.5708, -13.3891, 8.8203

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.3303, -53.6130, 34.8208



85.9939, -65.3446, 43.0313



79.7142, -45.2396, 14.7202



40.1578, -6.7905, 4.8527



56.6800, -48.0611, 32.9050



15.4450, -12.8322, 8.3961



# Inverse Universe

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



54.6034, 64.3517, -31.4344



56.2577, 83.7731, -39.7995



52.0809, 53.4523, 3.7586



38.1755, 2.8209, -0.6542



34.2455, 65.0803, -27.7446



9.3662, 17.8919, -8.3033



# Previews

## White Background



This preview shows how the HunterLab color 78.3287, -53.6119, 34.8203 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 78.3287, -53.6119, 34.8203 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

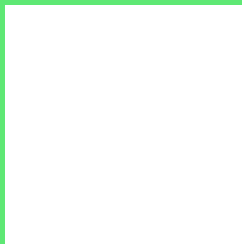
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 78.3287, -53.6119, 34.8203 Background



This preview shows how black text looks on a background with the HunterLab color 78.3287, -53.6119, 34.8203.



This preview shows how white text looks on a background with the HunterLab color 78.3287, -53.6119, 34.8203.

-53.6119, 34.8203.

# 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

78.3287, -53.6119, 34.8203

### Protanopia

77.6105, -8.7562, 37.2531

### Deuteranopia

77.6434, 5.6821, 33.1272



## Tritanopia

78.1531, -25.0146, -12.4835

# Trichromacy



## Original Color

78.3287, -53.6119, 34.8203



## Protanomaly

76.5284, -28.9813, 35.2202



## Deuteranomaly

75.8902, -20.9556, 32.0115



## Tritanomaly

77.9067, -37.5640, 9.3957

# Monochromacy



## Original Color

78.3287, -53.6119, 34.8203



## Achromatopsia

66.7234, -3.5602, 3.6252



## Achromatomaly

69.9698, -25.1404, 16.3979

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.3287, -53.6119, 34.8203 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(94, 232, 116)` looks like.

```
.text, #text, p{  
    color:rgb(94, 232, 116)  
}
```

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(94, 232, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 232, 116) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.3287, -53.6119, 34.8203 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(94, 232, 116) }
```



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

```
.border{ border-color:rgb(94, 232, 116) }
```

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

Here you see how a box with a 4 pixel rgb(94, 232, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 232, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 232, 116);  
box-shadow:4px 4px 4px 4px rgb(94, 232,  
116) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.3287, -53.6119, 34.8203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 232, 116) }
```

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

```
.background{ background-color: rgb(94, 232,  
116) }
```

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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