

# Converting Colors

HunterLab(83.8717, -61.9186,  
34.6327)

Have a look what the booklet for  
HunterLab(83.8717, -61.9186,  
34.6327) contains.

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# Color

**HunterLab(83.8704,  
-61.9268, 34.6523)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39F986
RGB	57, 249, 134
RGB Percent	22%, 98%, 53%
CMY	0.7765, 0.0235, 0.4745
CMYK	0.77, 0.00, 0.46, 0.02
HSL	144°, 94%, 60%
HSV	144°, 77%, 98%
XYZ	39.8661, 70.3424, 34.0305
YIQ	178.4820, -77.5170, -76.4690

# Conversions

## Conversions Part 2

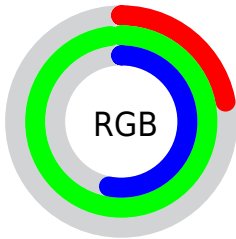
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 194, 249
Decimal	3799430
CIELab	87.17, -70.40, 42.14
CIELCh	87, 82.050, 149.094
Yxy	70.3453, 0.2764, 0.4877
Android (android.graphics.Color)	4281989510 (0xFF39F986)
YUV	178.4820, -21.9296, -106.5397
Hunter-Lab	83.8704, -61.9268, 34.6523

# Details

The HunterLab color **83.8704, -61.9268, 34.6523** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **51.0353, 78.4978, -12.5240**, and the grayscale version is **67.0380, -3.5770, 3.6423**.

A 20% lighter version of the original color is **89.4984, -48.0025, 22.4141**, and **61.5393, -49.2359, 29.3674** is the 20% darker color. If you saturate the color by 10%, you get **83.3047, -64.7643, 37.7568**, and if you desaturate by 10%, it is **84.6823, -58.0471, 31.2810**.

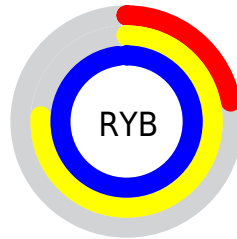
# Distribution



Red (22%)

Green (98%)

Blue (53%)



Red (22%)

Yellow (76%)

Blue (98%)

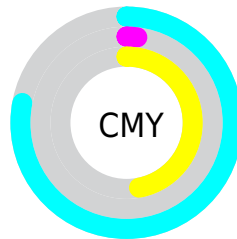


Cyan (77%)

Magenta (0%)

Yellow (46%)

Black (2%)



Cyan (78%)

Magenta (2%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8704, -61.9268, 34.6523 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 83.8704, -61.9268, 34.6523 by changing the saturation by 10% instead.




 83.8704, -61.9268,  
34.6523


 83.8704, -61.9268,  
34.6523


214.8864,  
-96.3554, 57.9761


 71.9778, -57.4673,  
31.7347


 109.4080,  
-70.3279, 40.2132


 60.7060, -52.7852,  
28.6980


 122.9993,  
-74.3201, 42.8852

 50.0929, -47.8304,  
25.5154


 137.1111,  
-78.1998, 45.5002

 40.1825, -42.5333,  
22.1515

 151.7247,  
-81.9821, 48.0668

 31.0287, -36.7952,  
18.5615

166.8235,  
-85.6793, 50.5922

 22.6999, -30.4737,  
15.0327

182.3924,

 15.2880, -25.7303,

-89.3017, 53.0824

10.7016

198.4176,  
-92.8579, 55.5422

■ 8.9068, -15.5869,  
6.2348

0.0000, NaN, NaN

■ 83.8704, -61.9268,  
34.6523

■ 83.8704, -61.9268,  
34.6523

■ 83.3047, -64.7643,  
37.7568

■ 84.6823, -58.0471,  
31.2810


■ 82.9479, -66.6669,  
40.5505


■ 85.7566, -53.0720,  
27.6862


■ 82.8682, -67.1074,  
41.2875


■ 87.1093, -46.9964,  
23.9172


■ 88.7482, -39.8512,  
20.0242

 90.6761, -31.6959,  
16.0570

 92.8915, -22.6118,  
12.0630

 95.3892, -12.6937,  
8.0851

 98.0440, -2.4467,  
4.0136

 98.0989, -2.1472,  
3.2305

# Harmonies

## Analogous

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



83.8721, -39.4461, 47.1943



83.8704, -61.9268, 34.6523



83.8721, -69.6003, 5.7416

# Triad

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



83.8721, -61.9278, 34.6528



83.8721, -5.7216, -110.2211



83.8721, 76.0423, 33.4380

# Complementary

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



83.8704, -61.9268, 34.6523



51.0353, 78.4978, -12.5240

# 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.



83.8721, 89.7007, 3.3719



83.8704, -61.9268, 34.6523



83.8721, 37.3591, -90.8464

# Square

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



83.8721, -61.9278, 34.6528



83.8721, -41.2237, -88.5261



83.8721, 74.3670, -43.7589



83.8721, 39.9327, 46.7670



# Rectangle

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



83.8704, -61.9268, 34.6523



83.8721, -66.6890, -23.8297



83.8721, 74.3670, -43.7589



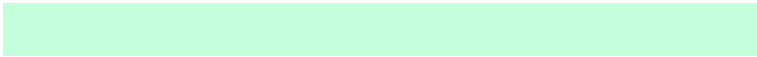
83.8721, 83.6863, 25.5635

# Sweetspot

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



83.8721, -61.9278, 34.6528



94.0549, -28.8686, 14.8245



87.6603, -48.1837, 50.5538



43.1466, -14.8763, 7.5450

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.8721, -61.9278, 34.6528



85.3454, -67.8178, 40.5581



86.2126, -47.7216, 0.9028



44.0733, -7.0387, 4.2007



60.6494, -48.9619, 29.8882



18.5125, -14.5586, 8.2889



# Inverse Universe

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



51.0353, 78.4978, -12.5240



49.2160, 87.1995, -8.1537



48.5714, 68.7744, 22.7416



41.7131, 2.6638, 0.5207



34.6025, 62.7048, -4.3619

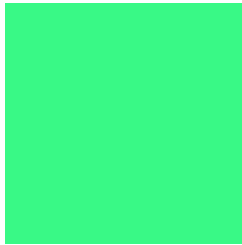


10.6296, 19.4399, -2.7155



# Previews

## White Background



This preview shows how the HunterLab color 83.8704, -61.9268, 34.6523 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 83.8704, -61.9268, 34.6523 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

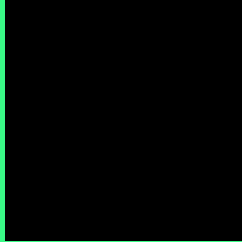
Any Text WCAG AA ✓ Pass

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 83.8704, -61.9268, 34.6523 Background



This preview shows how black text looks on a background with the HunterLab color 83.8704, -61.9268, 34.6523.



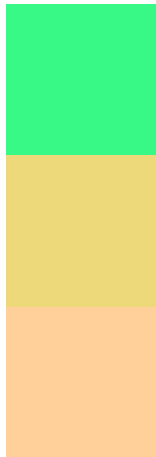
This preview shows how white text looks on a background with the HunterLab color 83.8704,

-61.9268, 34.6523.

# 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

83.8704, -61.9268, 34.6523

### Protanopia

82.7777, -9.0224, 37.6613

### Deuteranopia

82.8884, 4.8904, 29.2930



## Tritanopia

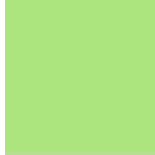
83.4855, -31.3669, -15.6968

# Trichromacy



## Original Color

83.8704, -61.9268, 34.6523



## Protanomaly

81.0949, -35.1119, 34.9243



## Deuteranomaly

80.5911, -27.6708, 28.8676



## Tritanomaly

83.1247, -44.7289, 6.9482

# Monochromacy



## Original Color

83.8704, -61.9268, 34.6523



## Achromatopsia

66.7234, -3.5602, 3.6252



## Achromatomaly

71.3181, -29.8328, 15.0062

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.8704, -61.9268, 34.6523 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(57, 249, 134)` looks like.

```
.text, #text, p{  
    color:rgb(57, 249, 134)  
}
```

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(57, 249, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 249, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.8704, -61.9268, 34.6523 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(57, 249, 134) }
```



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

```
.border{ border-color:rgb(57, 249, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 249, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 249, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 249, 134);  
box-shadow:4px 4px 4px 4px rgb(57, 249,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.8704, -61.9268, 34.6523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 249, 134) }
```

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

```
.background{ background-color: rgb(57, 249,  
134) }
```

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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