

# Converting Colors

HunterLab(80.9015, -58.4197,  
30.3913)

Have a look what the booklet for  
HunterLab(80.9015, -58.4197,  
30.3913) contains.

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# Color

**HunterLab(81.0049,  
-58.4982, 30.4466)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36F18D
RGB	54, 241, 141
RGB Percent	21%, 95%, 55%
CMY	0.7882, 0.0549, 0.4470
CMYK	0.78, 0.00, 0.41, 0.05
HSL	148°, 87%, 58%
HSV	148°, 78%, 95%
XYZ	37.7843, 65.6179, 35.8734
YIQ	173.6870, -79.3520, -70.7440

# Conversions

## Conversions Part 2

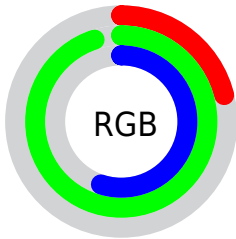
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 182, 241
Decimal	3600781
CIELab	84.80, -66.84, 35.66
CIELCh	85, 75.762, 151.920
Yxy	65.6206, 0.2713, 0.4711
Android (android.graphics.Color)	4281790861 (0xFF36F18D)
YUV	173.6870, -16.1147, -104.9655
Hunter-Lab	81.0049, -58.4982, 30.4466

# Details

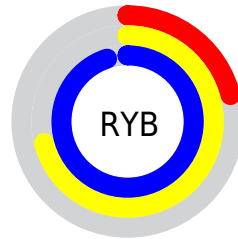
The HunterLab color **81.0049, -58.4982, 30.4466** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **48.6554, 74.1813, -5.9769**, and the grayscale version is **65.0191, -3.4693, 3.5326**.

A 20% lighter version of the original color is **89.5392, -47.4933, 19.7607**, and **58.8118, -46.0528, 25.9053** is the 20% darker color. If you saturate the color by 10%, you get **80.4669, -61.1955, 33.4353**, and if you desaturate by 10%, it is **81.7720, -54.8451, 27.2954**.

# Distribution



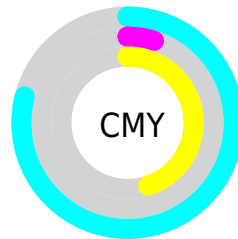
- Red (21%)
- Green (95%)
- Blue (55%)



- Red (21%)
- Yellow (71%)
- Blue (95%)



- Cyan (78%)
- Magenta (0%)
- Yellow (41%)
- Black (5%)




- Cyan (79%)
- Magenta (5%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.0049, -58.4982, 30.4466 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 81.0049, -58.4982, 30.4466 by changing the saturation by 10% instead.





 81.0049, -58.4982,  
30.4466


 81.0049, -58.4982,  
30.4466


210.9547,  
-91.6343, 51.1442


 69.2564, -54.2046,  
27.8916


 106.2740,  
-66.5820, 35.3357


 58.1367, -49.6934,  
25.2378


 119.7394,  
-70.4227, 37.6948

 47.6855, -44.9135,  
22.4608


 133.7299,  
-74.1555, 40.0100

 37.9486, -39.7936,  
19.5265

 148.2265,  
-77.7950, 42.2887

 28.9828, -34.2311,  
16.3891

163.2121,  
-81.3534, 44.5368

 20.8614, -28.0751,  
13.1919

178.6711,

 13.6833, -23.9459,

-84.8407, 46.7595

9.5783

194.5896,  
-88.2653, 48.9608

■ 7.2916, -12.7602,  
5.1041

0.0000, NaN, NaN

■ 81.0049, -58.4982,  
30.4466

■ 81.0049, -58.4982,  
30.4466

■ 80.4669, -61.1955,  
33.4353

■ 81.7720, -54.8451,  
27.2954


■ 80.1209, -63.0449,  
36.2131


■ 82.7838, -50.1839,  
24.0254


■ 80.0535, -63.4167,  
36.8384


■ 84.0557, -44.5066,  
20.6832


■ 85.5956, -37.8381,  
17.3142

 87.4066, -30.2305,  
13.9614

 89.4878, -21.7556,  
10.6638

 91.8349, -12.4985,  
7.4551

 94.4406, -2.5511,  
4.3632

 95.5997, 2.1388,  
0.2707

# Harmonies

## Analogous

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



81.0065, -38.9420, 43.6286



81.0049, -58.4982, 30.4466



81.0065, -64.3847, 2.0845

# Triad

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



81.0065, -58.4991, 30.4472



81.0065, -1.9039, -98.0455



81.0065, 66.1719, 32.8753

# Complementary

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



81.0049, -58.4982, 30.4466



48.6554, 74.1813, -5.9769

# 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.



81.0065, 80.7749, 6.6674



81.0049, -58.4982, 30.4466



81.0065, 37.2977, -77.7660

# Square

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



81.0065, -58.4991, 30.4472



81.0065, -35.4654, -82.1125



81.0065, 69.3625, -34.8390



81.0065, 32.3671, 44.5170



# Rectangle

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



81.0049, -58.4982, 30.4466



81.0065, -60.8150, -25.5012



81.0065, 69.3625, -34.8390



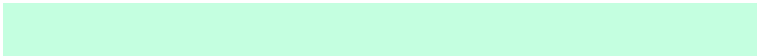
81.0065, 73.7393, 26.0107

# Sweetspot

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



81.0065, -58.4991, 30.4472



94.1620, -28.2549, 13.2861



83.8647, -48.8584, 48.3540



43.2026, -14.5532, 6.7393

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.0065, -58.4991, 30.4472



85.5631, -66.4659, 37.3656



83.3690, -44.2063, -3.5132



42.1649, -6.5968, 3.7150



58.9725, -46.5582, 26.7953



17.0677, -13.0663, 6.8731



# Inverse Universe

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



48.6554, 74.1813, -5.9769



48.7052, 85.3282, -0.9418



46.5865, 66.0028, 23.8107



39.8750, 2.4073, 0.8203



33.2059, 59.5322, 0.7903

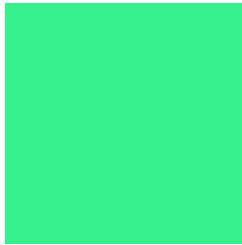


9.6818, 17.5486, -1.2489



# Previews

## White Background



This preview shows how the HunterLab color 81.0049, -58.4982, 30.4466 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 81.0049, -58.4982, 30.4466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

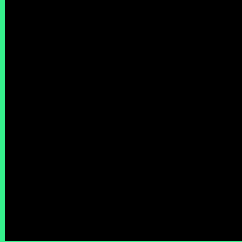
Any Text WCAG AA ✓ Pass

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 81.0049, -58.4982, 30.4466 Background



This preview shows how black text looks on a background with the HunterLab color 81.0049, -58.4982, 30.4466.



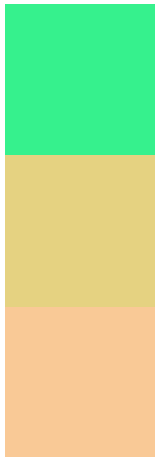
This preview shows how white text looks on a background with the HunterLab color 81.0049, -58.4982, 30.4466.

-58.4982, 30.4466.

# 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

81.0049, -58.4982, 30.4466

### Protanopia

80.2098, -8.3510, 33.9267

### Deuteranopia

80.0719, 5.7976, 28.0761



## Tritanopia

80.9449, -31.0082, -15.1195

# Trichromacy



## Original Color

81.0049, -58.4982, 30.4466



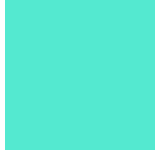
## Protanomaly

78.3618, -33.2448, 30.9146



## Deuteranomaly

77.8995, -25.9182, 26.5381



## Tritanomaly

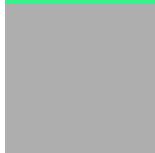
80.4467, -42.7519, 4.8417

# Monochromacy



## Original Color

81.0049, -58.4982, 30.4466



## Achromatopsia

65.0590, -3.4714, 3.5348



## Achromatomaly

69.0960, -28.1196, 12.7531

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.0049, -58.4982, 30.4466 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(54, 241, 141)` looks like.

```
.text, #text, p{  
    color:rgb(54, 241, 141)  
}
```

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(54, 241, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 241, 141) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.0049, -58.4982, 30.4466 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(54, 241, 141) }
```



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

```
.border{ border-color:rgb(54, 241, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 241, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 241, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 241, 141);  
box-shadow:4px 4px 4px 4px rgb(54, 241,  
141) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.0049, -58.4982, 30.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 241, 141) }
```

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

```
.background{ background-color: rgb(54, 241,  
141) }
```

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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