

# Converting Colors

Hex(31F55C)

Have a look what the booklet for  
Hex(31F55C) contains.

|  |    |
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**Color**

**Hex(31F55C)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 31F55C                       |
| RGB         | 49, 245, 92                  |
| RGB Percent | 19%, 96%, 36%                |
| CMY         | 0.8078, 0.0392, 0.6392       |
| CMYK        | 0.80, 0.00, 0.62, 0.04       |
| HSL         | 133°, 91%, 58%               |
| HSV         | 133°, 80%, 96%               |
| XYZ         | 35.8508, 66.7305, 21.1160    |
| YIQ         | 168.9540, -67.7030, -89.1350 |

# Conversions

## Conversions Part 2

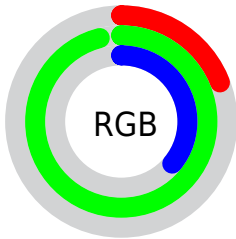
| <b>Format</b>                       | <b>Color</b>                     |
|-------------------------------------|----------------------------------|
| <b>RYB</b>                          | 49, 210, 245                     |
| Decimal                             | 3274076                          |
| CIELab                              | 85.37, -75.67, 59.01             |
| CIELCh                              | 85, 95.954, 142.052              |
| Yxy                                 | 66.7305, 0.2898,<br>0.5395       |
| Android<br>(android.graphics.Color) | 4281464156<br>(0xFF31F55C)       |
| YUV                                 | 168.9540, -37.9383,<br>-105.1997 |
| Hunter-Lab                          | 81.6887, -64.6168,<br>41.8561    |

# Details

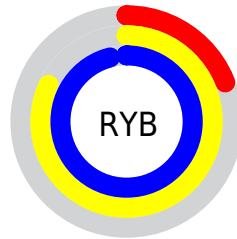
The Hex color **31F55C** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F531CA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **80FF93**, and **00BB22** is the 20% darker color. If you saturate the color by 10%, you get **18F549**, and if you desaturate by 10%, it is **4AF56F**.

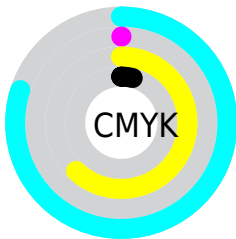
# Distribution



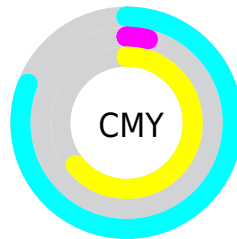
- Red (19%)
- Green (96%)
- Blue (36%)



- Red (19%)
- Yellow (82%)
- Blue (96%)



- Cyan (80%)
- Magenta (0%)
- Yellow (62%)
- Black (4%)



- Cyan (81%)
- Magenta (4%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31F55C 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 Hex color 31F55C by changing the saturation by 10% instead.



 31F55C

FFFFFF

 80FF93

 A1FFAF

 C1FFCC

 E1FFE9

 31F55C

 00D840

 00BB22

 009F00

 008300

 006900

 004E00

 003600

 001B00

 000000

 31F55C

 31F55C

 18F549

 4AF56F

 00F536

 62F582

 7BF595

 93F5A9

 ABF5BC

 C4F5CF

 DDF5E2

 F5F5F5

 FFF5FF

# Harmonies

## Analogous

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



BFE500



31F55C



00FDB9

# Triad

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



31F55C



00E7FF



FF7A97

# Complementary

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



31F55C



F531CA

# 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.



FF76F2



31F55C



9DC8FF

# Square

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



31F55C



00F8FF



FF9CFF



FFA143

# Rectangle

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



31F55C



00FFF9



FF9CFF



FF73B5

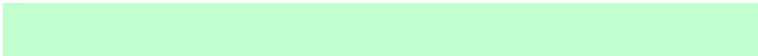


# Sweetspot

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



31F55C



C2FFCF



CBF531



5B8063



000000



808080



# Same Dimension

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



31F55C



0AFF40



31F5BD



6E7A71



00BA29



003B0D



# Inverse Universe

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



F531CA



FF0AC9



F53169



7A6E78



BA0091

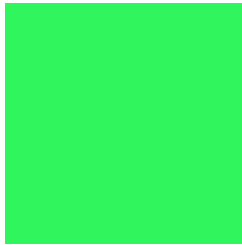


3B002E



# Previews

## White Background



This preview shows how the Hex color 31F55C 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 Hex color 31F55C 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](#).



## Hex 31F55C Background



This preview shows how black text looks on a background with the Hex color 31F55C.

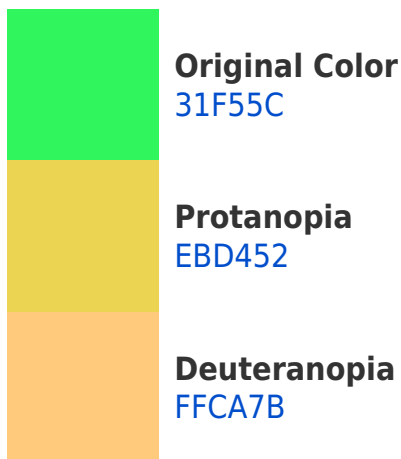


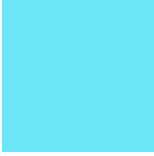
This preview shows how white text looks on a background with the Hex color 31F55C.

# 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





**Tritanopia**  
6BE5F8

# Trichromacy



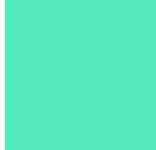
**Original Color**  
31F55C



**Protanomaly**  
A7E056

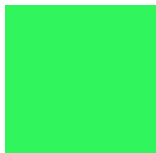


**Deuteranomaly**  
B4DA70



**Tritanomaly**  
56EBBF

# Monochromacy



**Original Color**  
31F55C



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
7DC58D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31F55C 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 #31F55C looks like.

```
.text, #text, p{  
    color:#31F55C  
}
```

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 #31F55C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31F55C
}
```

## Border

The CSS property to change the border of an element to Hex 31F55C 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
#31F55C }
```

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

```
.border{ border-color:#31F55C }
```

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

Here you see how a box with a 4 pixel #31F55C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31F55C; -webkit-box-shadow:4px 4px  
4px 4px #31F55C; box-shadow:4px 4px 4px  
4px #31F55C }
```

# Background

The CSS property to change the background color of an element to Hex 31F55C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31F55C }
```

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

```
.background{ background-color:#31F55C }
```

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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