

# Converting Colors

Hex(63F941)

Have a look what the booklet for  
Hex(63F941) contains.

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# **Color**

**Hex(63F941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63F941
RGB	99, 249, 65
RGB Percent	39%, 98%, 25%
CMY	0.6118, 0.0235, 0.7451
CMYK	0.60, 0.00, 0.74, 0.02
HSL	109°, 94%, 62%
HSV	109°, 74%, 98%
XYZ	39.9754, 70.7857, 16.5571
YIQ	183.1740, -30.3360, -89.0240

# Conversions

## Conversions Part 2

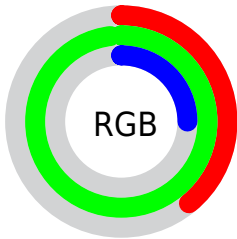
Format	Color
R <sub>YB</sub>	65, 249, 215
Decimal	6551873
CIE Lab	87.38, -70.99, 71.49
CIE LCh	87, 100.750, 134.798
Yxy	70.7857, 0.3140, 0.5560
Android (android.graphics.Color)	4284741953 (0xFF63F941)
YUV	183.1740, -58.2598, -73.8206
Hunter-Lab	84.1342, -62.4227, 47.2260

# Details

The Hex color **63F941** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D741F9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A4FF7C**, and **00BF00** is the 20% darker color. If you saturate the color by 10%, you get **4FF928**, and if you desaturate by 10%, it is **77F95A**.

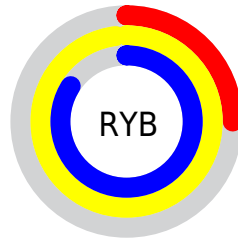
# Distribution



Red (39%)

Green (98%)

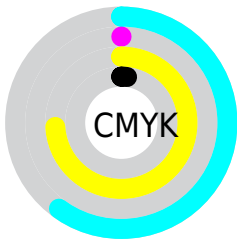
Blue (25%)



Red (25%)

Yellow (98%)

Blue (84%)

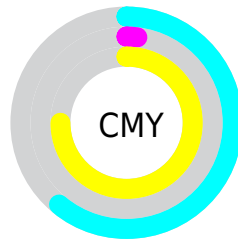


Cyan (60%)

Magenta (0%)

Yellow (74%)

Black (2%)



Cyan (61%)

Magenta (2%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63F941 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 63F941 by changing the saturation by 10% instead.



 63F941

 63F941

FFFFFF

 3DDC1D

 A4FF7C

 00BF00

 C3FF99

 00A300

 E2FFB5

 008800

 FFFFD3

 006D00

 FFFFF0

 005300

 003B00

 002100

 000000

 63F941

 63F941

 4FF928

 77F95A

 3AF90F

 8CF973

 2EF900

 A0F98C

 B4F9A5

 C8F9BE

 DDF9D6

 F1F9EF

 FFF9FF

# Harmonies

## Analogous

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



DAE500



63F941



00FFA5

# Triad

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



63F941



00F4FF



FF72B0

# Complementary

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



63F941



D741F9

# 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.



FF7BFF



63F941



4BD6FF

# Square

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



63F941



00FFFF



FFAAFF



FF9855

# Rectangle

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



63F941



00FFE8



FFAAFF



FF6ED0

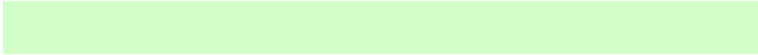


# Sweetspot

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



63F941



D1FFC7



F9D441



64805E



000000



808080



# Same Dimension

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



63F941



46FF1C



41F978



737D70



23BD00



0B3D00



# Inverse Universe

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



D741F9



D51CFF



F941C2



7B707D



9A00BD

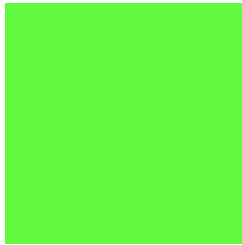


32003D



# Previews

## White Background



This preview shows how the Hex color 63F941 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 63F941 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

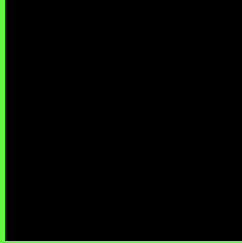
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

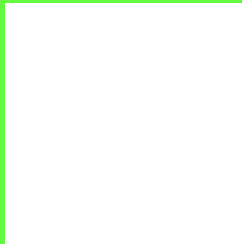
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63F941 Background



This preview shows how black text looks on a background with the Hex color 63F941.

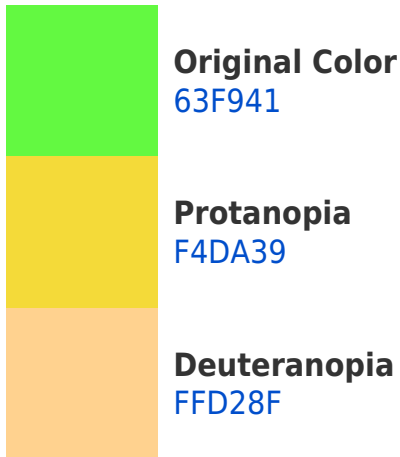


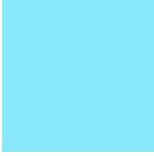
This preview shows how white text looks on a background with the Hex color 63F941.

# 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](#).

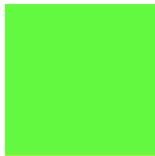
## Dichromacy





**Tritanopia**  
8AE8FB

# Trichromacy



**Original Color**  
63F941



**Protanomaly**  
BFE53C

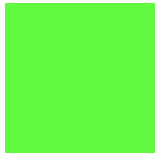


**Deuteranomaly**  
C6E073

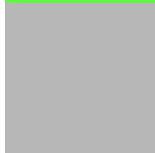


**Tritanomaly**  
7CEEB7

# Monochromacy



**Original Color**  
63F941



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
98CF8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63F941 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 #63F941 looks like.

```
.text, #text, p{  
    color:#63F941  
}
```

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 #63F941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F941
}
```

## Border

The CSS property to change the border of an element to Hex 63F941 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
#63F941 }
```

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

```
.border{ border-color:#63F941 }
```

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

Here you see how a box with a 4 pixel #63F941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F941; -webkit-box-shadow:4px 4px  
4px 4px #63F941; box-shadow:4px 4px 4px  
4px #63F941 }
```

# Background

The CSS property to change the background color of an element to Hex 63F941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F941 }
```

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

```
.background{ background-color:#63F941 }
```

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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