

Converting Colors

Hex(63F769)

Have a look what the booklet for
Hex(63F769) contains.

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Color

Hex(63F769)

Conversions

Conversions Part 1

Format	Color
Hex	63F769
RGB	99, 247, 105
RGB Percent	39%, 97%, 41%
CMY	0.6118, 0.0314, 0.5882
CMYK	0.60, 0.00, 0.57, 0.03
HSL	122°, 90%, 68%
HSV	122°, 60%, 97%
XYZ	40.9562, 70.1941, 24.7548
YIQ	186.5600, -42.6260, -75.5380

Conversions

Conversions Part 2

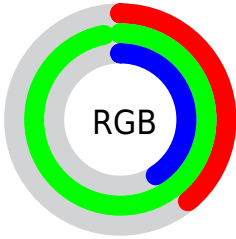
Format	Color
R _{YB}	99, 241, 247
Decimal	6551401
CIE Lab	87.09, -66.71, 55.68
CIE LCh	87, 86.889, 140.149
Yxy	70.1941, 0.3014, 0.5165
Android (android.graphics.Color)	4284741481 (0xFF63F769)
YUV	186.5600, -40.2091, -76.7901
Hunter-Lab	83.7819, -59.3600, 41.1291

Details

The Hex color **63F769** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F763F1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A2FFA0**, and **00BD32** is the 20% darker color. If you saturate the color by 10%, you get **4AF751**, and if you desaturate by 10%, it is **7CF781**.

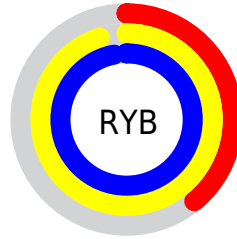
Distribution



Red (39%)

Green (97%)

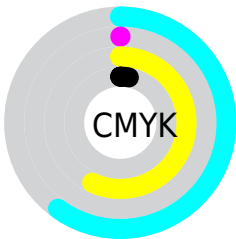
Blue (41%)



Red (39%)

Yellow (95%)

Blue (97%)

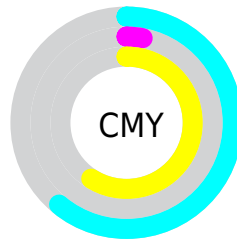


Cyan (60%)

Magenta (0%)

Yellow (57%)

Black (3%)



Cyan (61%)

Magenta (3%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63F769 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 63F769 by changing the saturation by 10% instead.

 63F769

 63F769

FFFFFF

 3FDA4E

 A2FFA0

 00BD32

 C1FFBC

 00A111

 E0FFD9

 008600

 FFFFF6

 006C00

 005200

 003A00

 002000

 000000

 63F769

 63F769

 4AF751

 7CF781

 32F73A

 94F798

 19F722

 ADF7B0

 00F70A

 C6F7C8

 DFF7DF

 F7F7F7

 FFF7FF

Harmonies

Analogous

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



CEE721



63F769



00FFBB

Triad

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



63F769



00ECFF



FF8CA6

Complementary

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



63F769



F763F1

Split Complementary

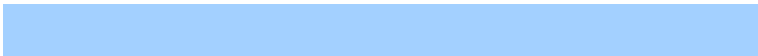
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CF9



63F769



A3D0FF

Square

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



63F769



00FBFF



FFABFF



FFAA5C

Rectangle

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



63F769



00FFF5



FFABFF



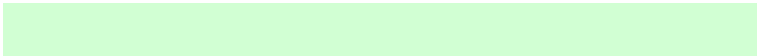
FF88C2

Sweetspot

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



63F769



D1FFD3



F2F763



638065



000000



808080

Same Dimension

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



63F769



47FF4F



63F7B2



6E7A6F



00BA08



003B02

Inverse Universe

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



F763F1



FF47F8



F763A8



7A6E7A



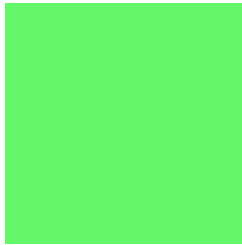
BA00B3



3B0038

Previews

White Background



This preview shows how the Hex color 63F769 looks on a white background.

Color Contrast Check

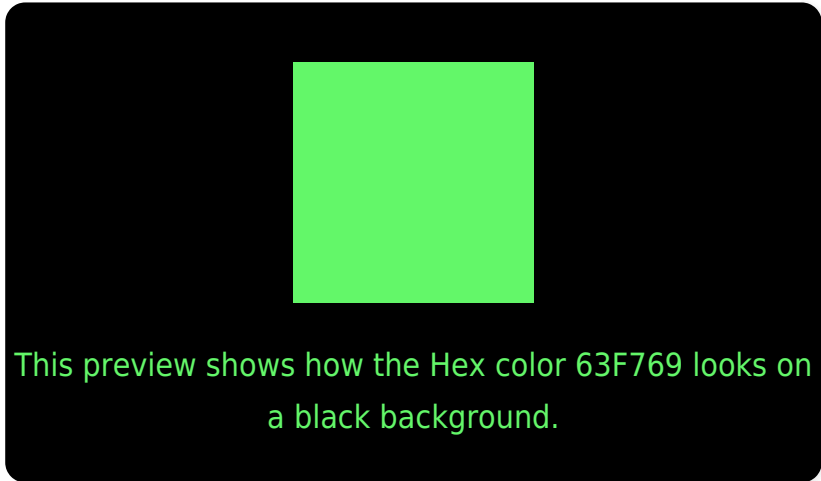
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

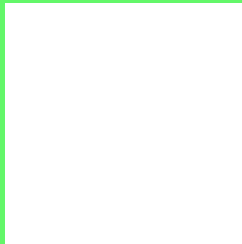
Any Text WCAG AAA ✓ Pass

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

Hex 63F769 Background



This preview shows how black text looks on a background with the Hex color 63F769.

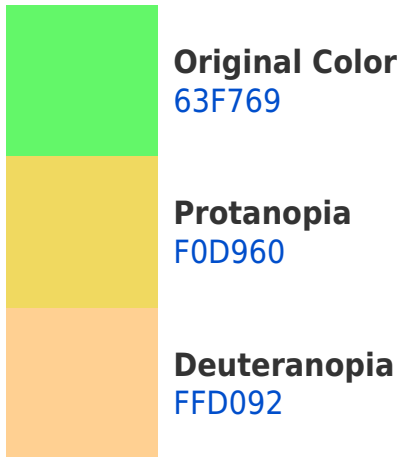


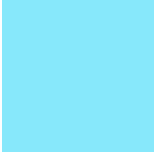
This preview shows how white text looks on a background with the Hex color 63F769.

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



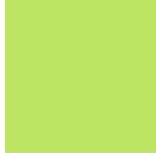


Tritanopia
87E8FB

Trichromacy



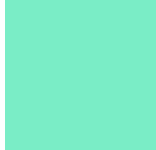
Original Color
63F769



Protanomaly
BDE463

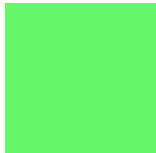


Deuteranomaly
C6DE83

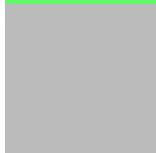


Tritanomaly
7AEDC6

Monochromacy



Original Color
63F769



Achromatopsia
BBBBBB



Achromatomaly
9BD19D

CSS Examples

Text

The CSS property to change the color of the text to Hex 63F769 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 #63F769 looks like.

```
.text, #text, p{  
    color:#63F769  
}
```

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 #63F769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F769
}
```

Border

The CSS property to change the border of an element to Hex 63F769 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
#63F769 }
```

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

```
.border{ border-color:#63F769 }
```

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

Here you see how a box with a 4 pixel #63F769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F769; -webkit-box-shadow:4px 4px  
4px 4px #63F769; box-shadow:4px 4px 4px  
4px #63F769 }
```

Background

The CSS property to change the background color of an element to Hex 63F769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F769 }
```

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

```
.background{ background-color:#63F769 }
```

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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