

Converting Colors

Hex(63F973)

Have a look what the booklet for
Hex(63F973) contains.

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Color

Hex(63F973)

Conversions

Conversions Part 1

Format	Color
Hex	63F973
RGB	99, 249, 115
RGB Percent	39%, 98%, 45%
CMY	0.6118, 0.0235, 0.5490
CMYK	0.60, 0.00, 0.54, 0.02
HSL	126°, 93%, 68%
HSV	126°, 60%, 98%
XYZ	42.1158, 71.6418, 27.8282
YIQ	188.8740, -46.3860, -73.4740

Conversions

Conversions Part 2

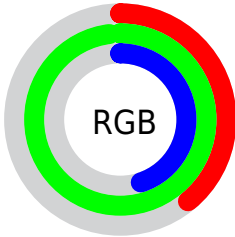
Format	Color
RYB	99, 235, 249
Decimal	6551923
CIELab	87.80, -66.21, 52.04
CIELCh	88, 84.210, 141.835
Yxy	71.6418, 0.2975, 0.5060
Android (android.graphics.Color)	4284742003 (0xFF63F973)
YUV	188.8740, -36.4199, -78.8195
Hunter-Lab	84.6415, -59.3048, 39.7559

Details

The Hex color **63F973** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F963E9**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A2FFAA**, and **00BF3E** is the 20% darker color. If you saturate the color by 10%, you get **4AF95D**, and if you desaturate by 10%, it is **7CF989**.

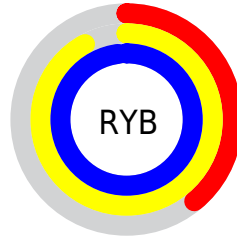
Distribution



Red (39%)

Green (98%)

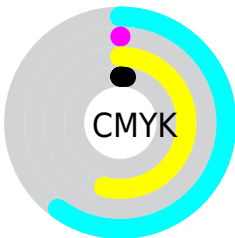
Blue (45%)



Red (39%)

Yellow (92%)

Blue (98%)

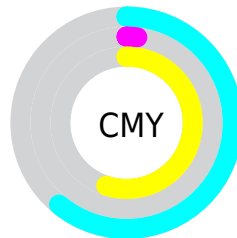


Cyan (60%)

Magenta (0%)

Yellow (54%)

Black (2%)



Cyan (61%)

Magenta (2%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63F973 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 63F973 by changing the saturation by 10% instead.

 63F973

 63F973

FFFFFF

 3FDC58

 A2FFAA

 00BF3E

 C1FFC6

 00A321

 E0FFE3

 008800

 006D00

 005300

 003B00

 002200

 000000

 63F973

 63F973

 4AF95D

 7CF989

 31F947

 95F99F

 18F930

 AEF9B6

 00F91B

 C7F9CC

 E0F9E2

 F8F9F8

 FFF9FF

Harmonies

Analogous

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



CCEA32



63F973



00FFC3

Triad

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



63F973



00ECFF



FF93A5

Complementary

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



63F973



F963E9

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.



FF91F6



63F973



B3D0FF

Square

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



63F973



00FCFF



FFADFF



FFB05E

Rectangle

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



63F973



00FFFB



FFADFF



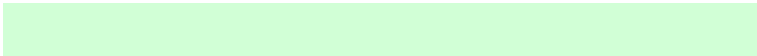
FF8EC0

Sweetspot

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



63F973



D1FFD6



EAF963



638066



000000



808080

Same Dimension

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



63F973



47FF5B



63F9BD



707D72



00BD14



003D07

Inverse Universe

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



F963E9



FF47EB



F9639F



7D707C



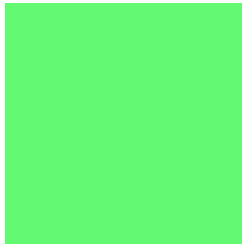
BD00A9



3D0037

Previews

White Background



This preview shows how the Hex color 63F973 looks on a white background.

Color Contrast Check

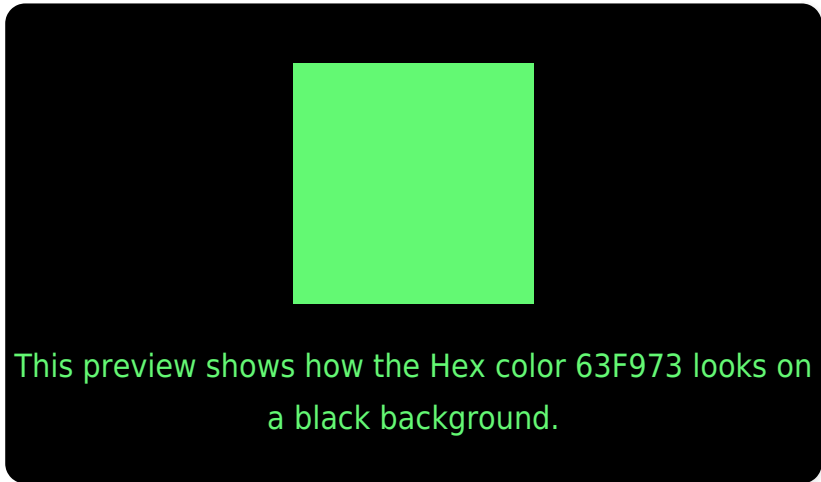
Large Text (above 18pt) WCAG AA × Fail

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

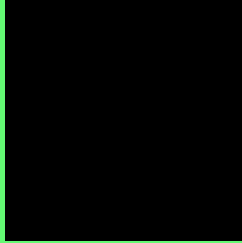
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

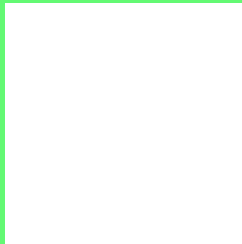
Any Text WCAG AAA ✓ Pass

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

Hex 63F973 Background



This preview shows how black text looks on a background with the Hex color 63F973.

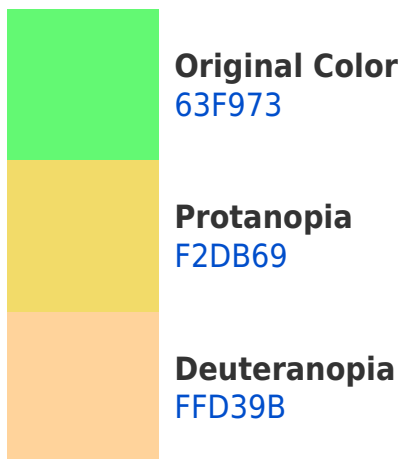


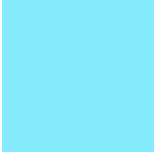
This preview shows how white text looks on a background with the Hex color 63F973.

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](#).

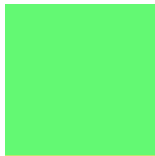
Dichromacy





Tritanopia
86EAFD

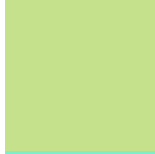
Trichromacy



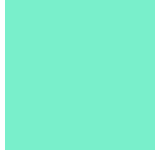
Original Color
63F973



Protanomaly
BEE66D



Deuteranomaly
C6E18C

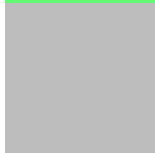


Tritanomaly
79EFCB

Monochromacy



Original Color
63F973



Achromatopsia
BDBDBD



Achromatomaly
9CD3A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 63F973 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 #63F973 looks like.

```
.text, #text, p{  
    color:#63F973  
}
```

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 #63F973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F973
}
```

Border

The CSS property to change the border of an element to Hex 63F973 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
#63F973 }
```

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

```
.border{ border-color:#63F973 }
```

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

Here you see how a box with a 4 pixel #63F973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F973; -webkit-box-shadow:4px 4px  
4px 4px #63F973; box-shadow:4px 4px 4px  
4px #63F973 }
```

Background

The CSS property to change the background color of an element to Hex 63F973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F973 }
```

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

```
.background{ background-color:#63F973 }
```

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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