

# Converting Colors

Hex(63F37C)

Have a look what the booklet for  
Hex(63F37C) contains.

<b>Hex(63F37C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(63F37C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63F37C
RGB	99, 243, 124
RGB Percent	39%, 95%, 49%
CMY	0.6118, 0.0471, 0.5137
CMYK	0.59, 0.00, 0.49, 0.05
HSL	130°, 86%, 67%
HSV	130°, 59%, 95%
XYZ	40.8343, 68.2091, 30.0823
YIQ	186.3780, -47.6250, -67.5370

# Conversions

## Conversions Part 2

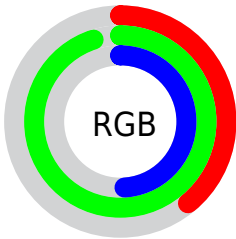
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 222, 243
Decimal	6550396
CIELab	86.11, -62.85, 45.79
CIELCh	86, 77.764, 143.924
Yxy	68.2091, 0.2935, 0.4903
Android (android.graphics.Color)	4284740476 (0xFF63F37C)
YUV	186.3780, -30.7524, -76.6305
Hunter-Lab	82.5888, -56.2748, 36.2163

# Details

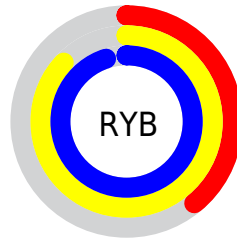
The Hex color **63F37C** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F363DA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A1FFB2**, and **09BA48** is the 20% darker color. If you saturate the color by 10%, you get **4BF368**, and if you desaturate by 10%, it is **7BF390**.

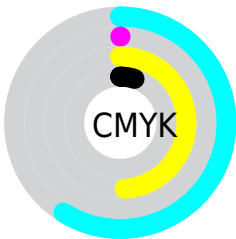
# Distribution



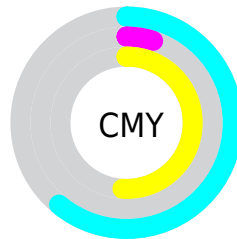
- Red (39%)
- Green (95%)
- Blue (49%)



- Red (39%)
- Yellow (87%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (49%)
- Black (5%)



- Cyan (61%)
- Magenta (5%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63F37C 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 63F37C by changing the saturation by 10% instead.



 63F37C

 63F37C


FFFFFF

 40D662

 A1FFB2

 09BA48

 BFFFCF

 009E2E

 DEFFEB

 008311

FDFFFF

 006800

 004F00

 003700

 001E00

 000000

 63F37C

 63F37C

 4BF368

 7BF390

 32F354

 94F3A4

 1AF340

 ACF3B8

 02F32C

 C4F3CC

 00F32A

 DCF3E0

 F5F3F4

 FFF3FF

# Harmonies

## Analogous

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



C4E543



63F37C



00FAC5

# Triad

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



63F37C



00E4FF



FF98A0

# Complementary

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



63F37C



F363DA

# 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.



FF94EA



63F37C



BECAFF

# Square

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



63F37C



00F4FF



FFAAFF



FFB160

# Rectangle

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



63F37C



00BF9



FFAAFF



FF93B8

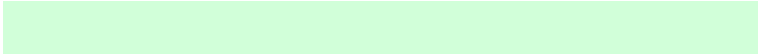


# Sweetspot

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



63F37C



D1FFD9



DBF363



638068



000000



808080



# Same Dimension

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



63F37C



4AFF69



63F3C3



6E7A70



00BA20



003B0A



# Inverse Universe

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



F363DA



FF4AE0



F36393



7A6E78



BA009A

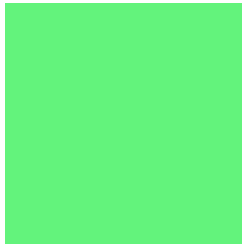


3B0030



# Previews

## White Background



This preview shows how the Hex color 63F37C 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 63F37C 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 63F37C Background



This preview shows how black text looks on a background with the Hex color 63F37C.

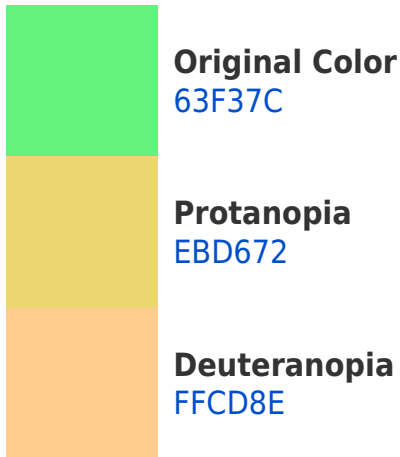


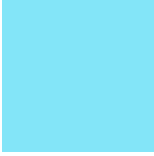
This preview shows how white text looks on a background with the Hex color 63F37C.

# 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**  
83E5F8

# Trichromacy



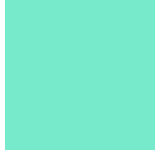
**Original Color**  
63F37C



**Protanomaly**  
BAE176



**Deuteranomaly**  
C6DB87

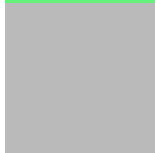


**Tritanomaly**  
77EACB

# Monochromacy



**Original Color**  
63F37C



**Achromatopsia**  
BABABA



**Achromatomaly**  
9ACFA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63F37C 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 #63F37C looks like.

```
.text, #text, p{  
    color:#63F37C  
}
```

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 #63F37C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F37C
}
```

## Border

The CSS property to change the border of an element to Hex 63F37C 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
#63F37C }
```

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

```
.border{ border-color:#63F37C }
```

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

Here you see how a box with a 4 pixel #63F37C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F37C; -webkit-box-shadow:4px 4px  
4px 4px #63F37C; box-shadow:4px 4px 4px  
4px #63F37C }
```

# Background

The CSS property to change the background color of an element to Hex 63F37C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F37C }
```

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

```
.background{ background-color:#63F37C }
```

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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