

# Converting Colors

Hex(F1C679)

Have a look what the booklet for  
Hex(F1C679) contains.

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**Color**

**Hex(F1C679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1C679
RGB	241, 198, 121
RGB Percent	95%, 78%, 47%
CMY	0.0549, 0.2235, 0.5255
CMYK	0.00, 0.18, 0.50, 0.05
HSL	38°, 81%, 71%
HSV	38°, 50%, 95%
XYZ	59.9209, 60.4694, 26.6028
YIQ	202.0790, 50.3450, -14.8310

# Conversions

## Conversions Part 2

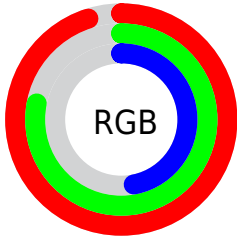
Format	Color
<a href="#">RYB</a>	<a href="#">188, 241, 121</a>
Decimal	<a href="#">15844985</a>
CIELab	<a href="#">82.09, 5.92, 44.09</a>
CIELCh	<a href="#">82, 44.489, 82.358</a>
Yxy	<a href="#">60.4694, 0.4076, 0.4114</a>
Android (android.graphics.Color)	<a href="#">4294035065 (0xFFFF1C679)</a>
YUV	<a href="#">202.0790, -39.9719, 34.1337</a>
Hunter-Lab	<a href="#">77.7621, 1.4626, 34.1501</a>

# Details

The Hex color **F1C679** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **79A4F1**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFAF**, and **B79046** is the 20% darker color. If you saturate the color by 10%, you get **F1BD61**, and if you desaturate by 10%, it is **F1CF91**.

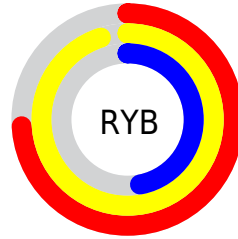
# Distribution



Red (95%)

Green (78%)

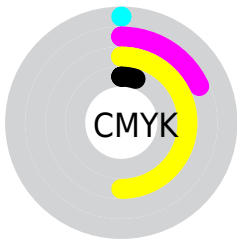
Blue (47%)



Red (74%)

Yellow (95%)

Blue (47%)

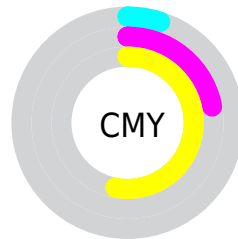


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (5%)



Cyan (5%)

Magenta (22%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1C679 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 F1C679 by changing the saturation by 10% instead.



 F1C679

 F1C679

FFFFFF

 D3AB5F

 FFFFAF

 B79046

 FFFPCA

 9A772E

 FFFFE7

 7E5E14

 634700

 493100

 2F1C00

 160300

 000000

 F1C679

 F1C679

 F1BD61

 F1CF91

 F1B549

 F1D7A9

 F1AC31

 F1E0C1

 F1A319

 F1E9D9

 F19B01

 F1F1F1

 F19B00

 F1FAFF

 F1FFFF

# Harmonies

## Analogous

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



FFB88C



F1C679



C8D37D

# Triad

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



F1C679



0BE2EA



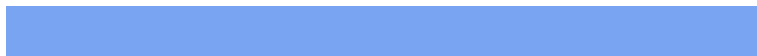
F6B6FF

# Complementary

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



F1C679



79A4F1

# 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.



C1C5FF



F1C679



24DDFF

# Square

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



F1C679



5FE2C0



7BD4FF



FFACD9

# Rectangle

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



F1C679



A8DA8D



7BD4FF



E7BBFF



# Sweetspot

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



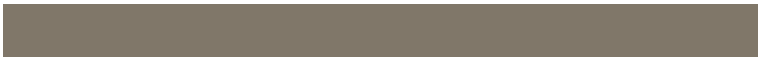
F1C679



FFF1D9



F179A5



807769



000000



808080



# Same Dimension

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



F1C679



FFC866



E1F179



78746C



B87600



382400



# Inverse Universe

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



79A4F1



669DFF



8979F1



6C7078



0042B8



001438



# Previews

## White Background



This preview shows how the Hex color F1C679 looks on a white background.

## Color Contrast Check

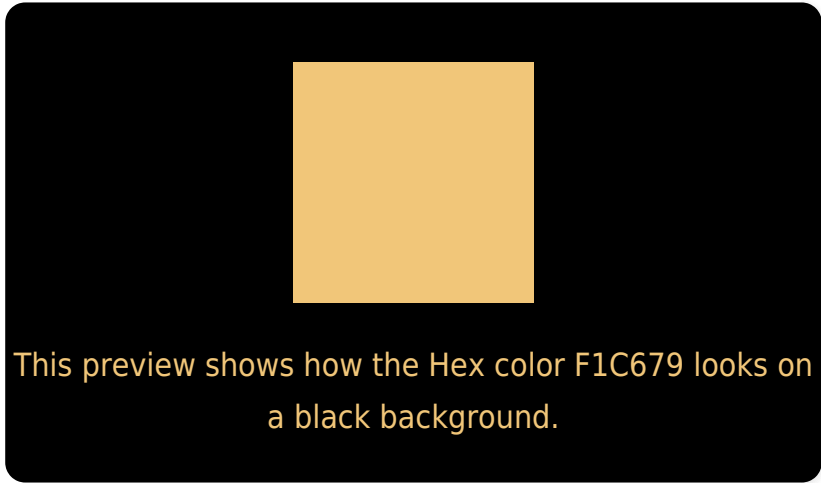
Large Text (above 18pt) WCAG AA × Fail

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

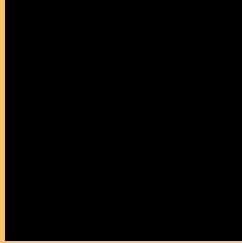
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F1C679 Background



This preview shows how black text looks on a background with the Hex color F1C679.

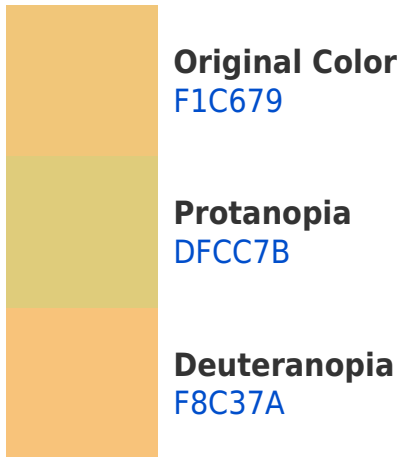


This preview shows how white text looks on a background with the Hex color F1C679.

# 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](#).

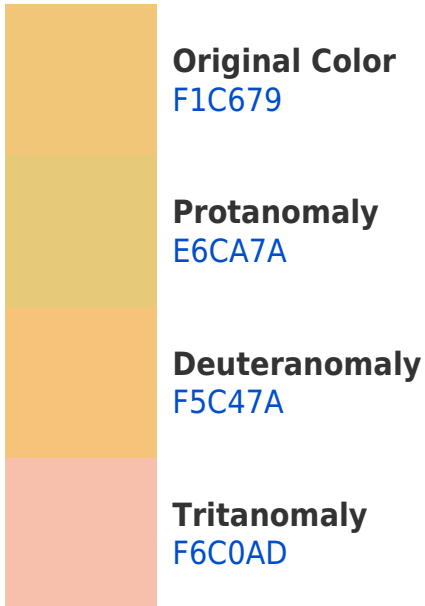
## Dichromacy



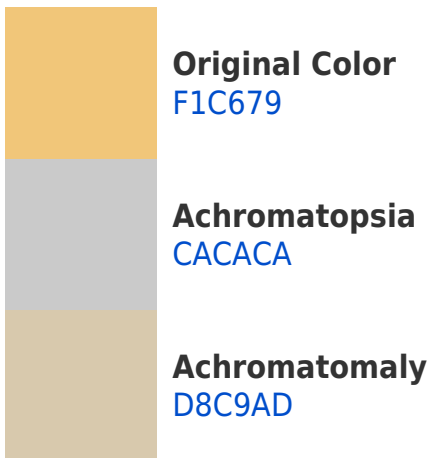


**Tritanopia**  
F9BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1C679 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 #F1C679 looks like.

```
.text, #text, p{  
    color:#F1C679  
}
```

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 #F1C679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1C679
}
```

## Border

The CSS property to change the border of an element to Hex F1C679 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
#F1C679 }
```

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

```
.border{ border-color:#F1C679 }
```

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

Here you see how a box with a 4 pixel #F1C679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1C679; -webkit-box-shadow:4px 4px  
4px 4px #F1C679; box-shadow:4px 4px 4px  
4px #F1C679 }
```

# Background

The CSS property to change the background color of an element to Hex F1C679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1C679 }
```

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

```
.background{ background-color:#F1C679 }
```

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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