

# Converting Colors

Hex(FCC962)

Have a look what the booklet for  
Hex(FCC962) contains.

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**Color**

**Hex(FCC962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCC962
RGB	252, 201, 98
RGB Percent	99%, 79%, 38%
CMY	0.0118, 0.2118, 0.6157
CMYK	0.00, 0.20, 0.61, 0.01
HSL	40°, 96%, 69%
HSV	40°, 61%, 99%
XYZ	63.2361, 63.3506, 20.4503
YIQ	204.5070, 63.4590, -21.2210

# Conversions

## Conversions Part 2

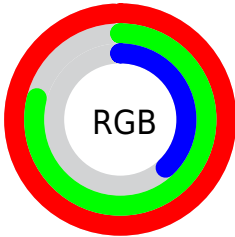
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 252, 98
Decimal	16566626
CIELab	83.63, 7.07, 57.23
CIELCh	84, 57.669, 82.958
Yxy	63.3506, 0.4301, 0.4308
Android (android.graphics.Color)	4294756706 (0xFFFC962)
YUV	204.5070, -52.5080, 41.6514
Hunter-Lab	79.5931, 2.5291, 40.4815

# Details

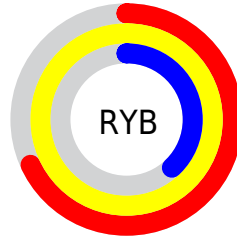
The Hex color **FCC962** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6295FC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF98**, and **C0932D** is the 20% darker color. If you saturate the color by 10%, you get **FCC149**, and if you desaturate by 10%, it is **FCD17B**.

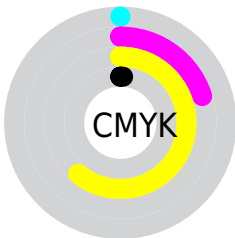
# Distribution



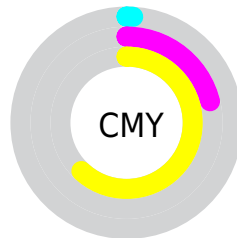
- Red (99%)
- Green (79%)
- Blue (38%)



- Red (68%)
- Yellow (99%)
- Blue (38%)



- Cyan (0%)
- Magenta (20%)
- Yellow (61%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCC962 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 FCC962 by changing the saturation by 10% instead.



 FCC962

 FCC962

FFFFFF

 DEAE48

 FFFF98

 C0932D

 FFFFB3

 A37A0C

 FFFF00

 866100

 FFFFED

 6A4900

 4F3300

 341E00

 1C0700

 000000

 FCC962

 FCC962

 FCC149

 FCD17B

 FCB830

 FCDA94

 FCB016

 FCE2AE

 FCA900

 FCEAC7

 FCF3E0

 FCFBF9

 FCFFFF

# Harmonies

## Analogous

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



FFB57B



FCC962



C7DA68

# Triad

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



FCC962



00ECF9



FFB2FF

# Complementary

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



FCC962



6295FC

# 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.



C0C7FF



FCC962



00E6FF

# Square

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



FCC962



00EBC1



4ADAFF



FFA4E0

# Rectangle

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



FCC962



9EE27E



4ADAFF



F3B9FF

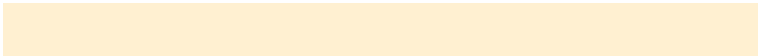


# Sweetspot

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



FCC962



FFF0D1



FC6295



807663



000000



808080



# Same Dimension

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



FCC962



FFC145



E2FC62



7D7970



BD7E00



3D2900



# Inverse Universe

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



6295FC



4582FF



7C62FC



70757D



003EBD



00143D



# Previews

## White Background



This preview shows how the Hex color FCC962 looks on a white background.

## Color Contrast Check

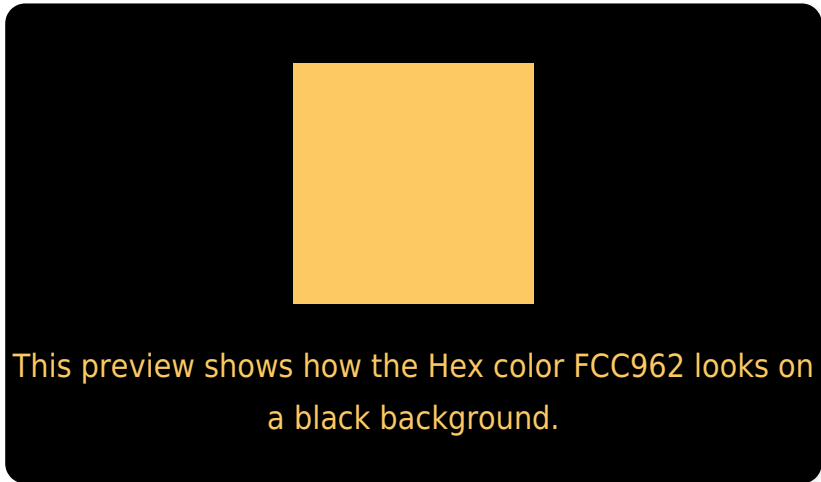
Large Text (above 18pt) WCAG AA × Fail

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 FCC962 Background



This preview shows how black text looks on a background with the Hex color FCC962.

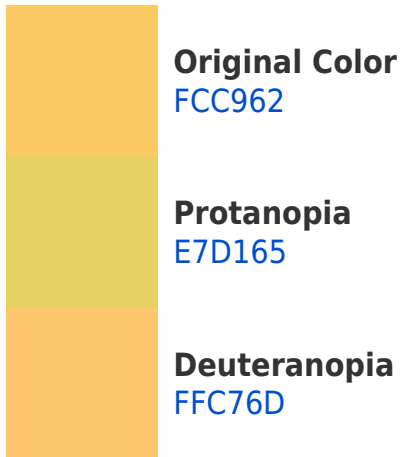


This preview shows how white text looks on a background with the Hex color FCC962.

# Color Blindness Simulation

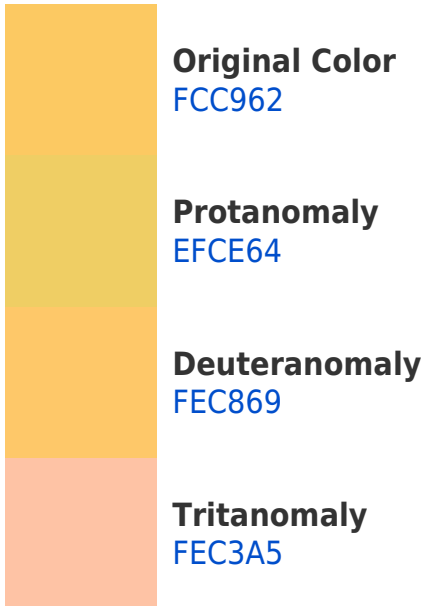
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

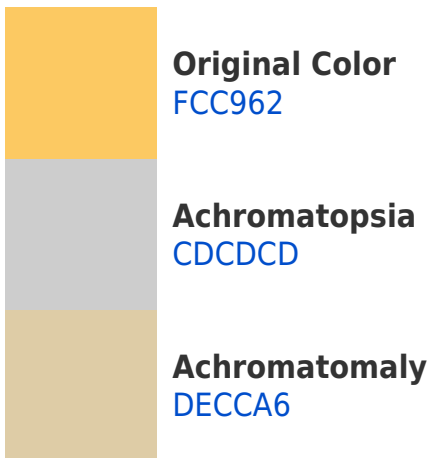




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCC962 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 #FCC962 looks like.

```
.text, #text, p{  
    color:#FCC962  
}
```

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 #FCC962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCC962
}
```

## Border

The CSS property to change the border of an element to Hex FCC962 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
#FCC962 }
```

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

```
.border{ border-color:#FCC962 }
```

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

Here you see how a box with a 4 pixel #FCC962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCC962; -webkit-box-shadow:4px 4px  
4px 4px #FCC962; box-shadow:4px 4px 4px  
4px #FCC962 }
```

# Background

The CSS property to change the background color of an element to Hex FCC962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCC962 }
```

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

```
.background{ background-color:#FCC962 }
```

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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