

# Converting Colors

Hex(FFC362)

Have a look what the booklet for  
Hex(FFC362) contains.

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# **Color**

**Hex(FFC362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC362
RGB	255, 195, 98
RGB Percent	100%, 76%, 38%
CMY	0.0000, 0.2353, 0.6157
CMYK	0.00, 0.24, 0.62, 0.00
HSL	37°, 100%, 69%
HSV	37°, 62%, 100%
XYZ	62.9597, 61.1721, 20.0443
YIQ	201.8820, 66.8970, -17.4470

# Conversions

## Conversions Part 2

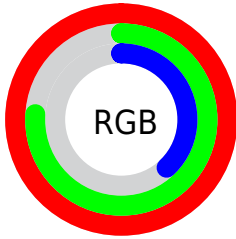
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 255, 98
Decimal	16761698
CIELab	82.47, 11.41, 56.00
CIELCh	82, 57.156, 78.481
Yxy	61.1721, 0.4367, 0.4243
Android (android.graphics.Color)	4294951778 (0xFFFFC362)
YUV	201.8820, -51.2138, 46.5845
Hunter-Lab	78.2126, 6.8173, 39.5539

# Details

The Hex color **FFC362** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **629EFF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFB98**, and **C38E2D** is the 20% darker color. If you saturate the color by 10%, you get **FFB949**, and if you desaturate by 10%, it is **FFCD7B**.

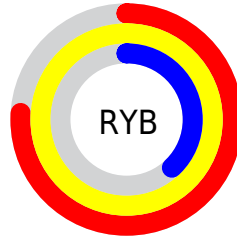
# Distribution



Red (100%)

Green (76%)

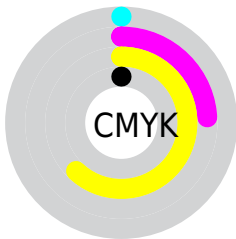
Blue (38%)



Red (76%)

Yellow (100%)

Blue (38%)

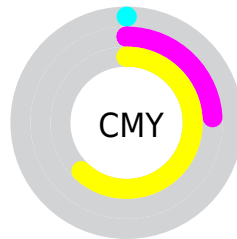


Cyan (0%)

Magenta (24%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC362 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 FFC362 by changing the saturation by 10% instead.



 FFC362

 FFC362

FFFFFF

 E1A848

 FFFB98

 C38E2D

 FFFFB3

 A5740F

 FFFFCF

 885C00

 FFFFEC

 6D4400

 502E00

 361900

 1E0000

 000000

 FFC362

 FFC362

 FFB949

 FFCD7B

 FFB02F

 FFD695

 FFA616

 FFE0AF

 FF9E00

 FFEAC8

 FFF4E2

 FFFDFB

FFFFFF

# Harmonies

## Analogous

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



FFAF7F



FFC362



CDD563

# Triad

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



FFC362



00E9EE



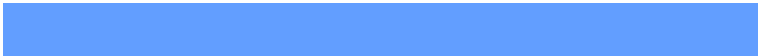
FBB2FF

# Complementary

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



FFC362



629EFF

# 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.



B0C7FF



FFC362



00E4FF

# Square

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



FFC362



29E7B6



20D9FF



FFA3E4

# Rectangle

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



FFC362



A5DD76



20D9FF



E6B9FF



# Sweetspot

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



FFC362



FFEDD1



FF629E



807563



000000



808080



# Same Dimension

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



FFC362



FFB742



EDFF62



807B73



BF7600

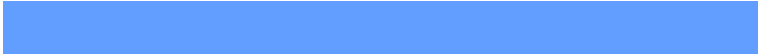


402700



# Inverse Universe

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



629EFF



428AFF



7462FF



737880



0049BF



001840



# Previews

## White Background



This preview shows how the Hex color FFC362 looks on a white background.

## Color Contrast Check

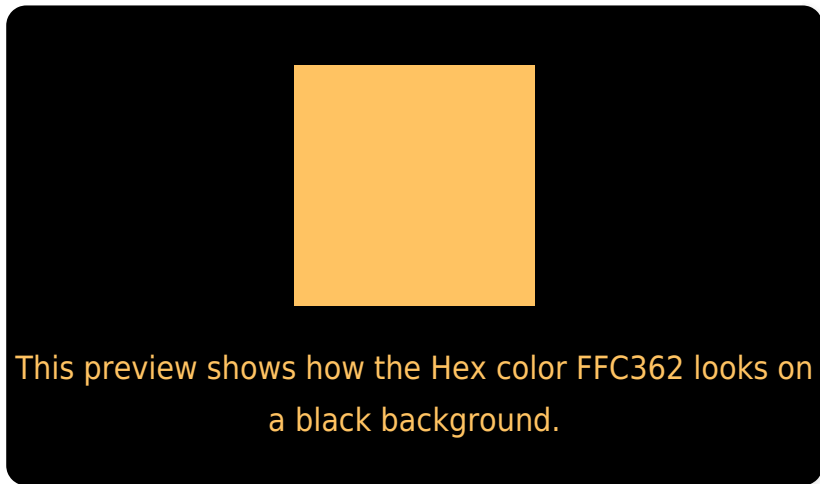
Large Text (above 18pt) WCAG AA × Fail

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 FFC362 Background



This preview shows how black text looks on a background with the Hex color FFC362.

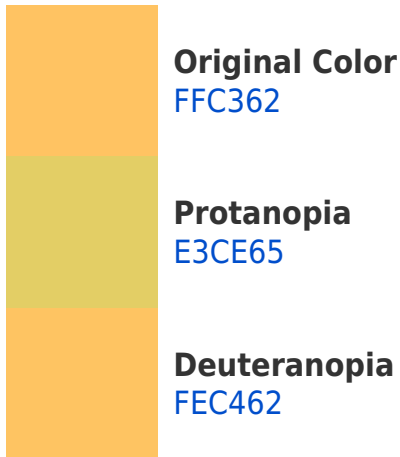


This preview shows how white text looks on a background with the Hex color FFC362.

# Color Blindness Simulation

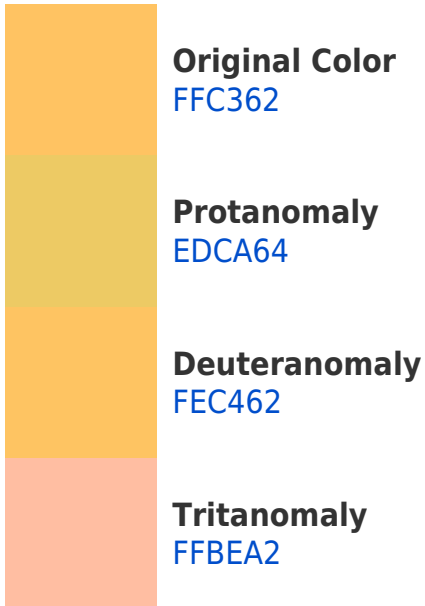
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

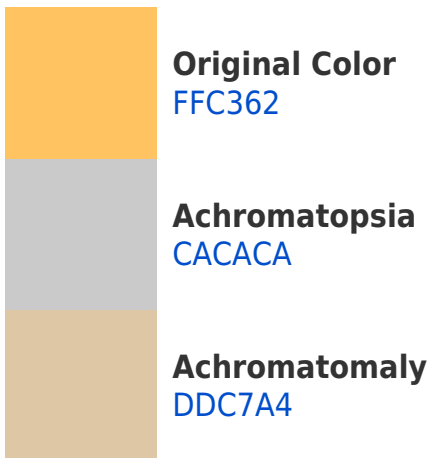




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC362 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 #FFC362 looks like.

```
.text, #text, p{  
    color:#FFC362  
}
```

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 #FFC362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC362
}
```

## Border

The CSS property to change the border of an element to Hex FFC362 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
#FFC362 }
```

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

```
.border{ border-color:#FFC362 }
```

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

Here you see how a box with a 4 pixel #FFC362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC362; -webkit-box-shadow:4px 4px  
4px 4px #FFC362; box-shadow:4px 4px 4px  
4px #FFC362 }
```

# Background

The CSS property to change the background color of an element to Hex FFC362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC362 }
```

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

```
.background{ background-color:#FFC362 }
```

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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