

# Converting Colors

Hex(FFC265)

Have a look what the booklet for  
Hex(FFC265) contains.

<b>Hex(FFC265)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FFC265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC265
RGB	255, 194, 101
RGB Percent	100%, 76%, 40%
CMY	0.0000, 0.2392, 0.6039
CMYK	0.00, 0.24, 0.60, 0.00
HSL	36°, 100%, 70%
HSV	36°, 60%, 100%
XYZ	62.8807, 60.7832, 20.7301
YIQ	201.6370, 66.2090, -15.9910

# Conversions

## Conversions Part 2

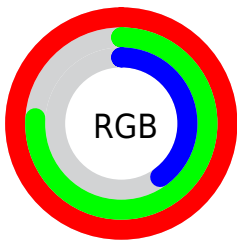
Format	Color
<a href="#">RYB</a>	<a href="#">202, 255, 101</a>
Decimal	<a href="#">16761445</a>
CIELab	<a href="#">82.26, 12.13, 54.36</a>
CIELCh	<a href="#">82, 55.698, 77.419</a>
Yxy	<a href="#">60.7832, 0.4355, 0.4210</a>
Android (android.graphics.Color)	<a href="#">4294951525</a> ( <a href="#">0xFFFFC265</a> )
YUV	<a href="#">201.6370, -49.6140, 46.7994</a>
Hunter-Lab	<a href="#">77.9636, 7.5312, 38.8096</a>

# Details

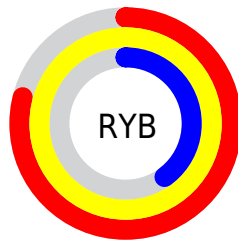
The Hex color **FFC265** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **65A2FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFA9A**, and **C38D31** is the 20% darker color. If you saturate the color by 10%, you get **FFB84B**, and if you desaturate by 10%, it is **FFCC7E**.

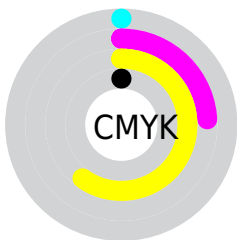
# Distribution



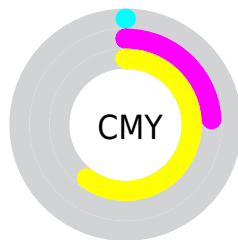
- Red (100%)
- Green (76%)
- Blue (40%)



- Red (79%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC265 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 FFC265 by changing the saturation by 10% instead.



 FFC265

 FFC265

FFFFFF

 E1A74B

 FFFA9A

 C38D31

 FFFFB6

 A57314

 FFFF D2

 895B00

 FFFF EF

 6D4300

 512D00

 361800

 1F0000

 000000

 FFC265

 FFC265

 FFB84B

 FFCC7E

 FFAE32

 FFD698

 FFA418

 FFE0B2

 FF9A00

 FFEACB

 FFF5E4

FFFFFFE

FFFFFFF

# Harmonies

## Analogous

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



FFAF82



FFC265



CED365

# Triad

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



F7C265



00E7EA



F7B3FF

# Complementary

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



FFC265



65A2FF

# 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.



ADC7FF



FFC265



00E3FF

# Square

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



FFC265



39E6B4



28D9FF



FFA4E5

# Rectangle

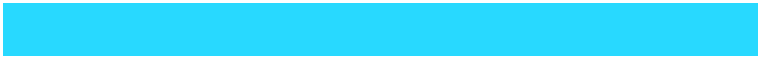
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC265



A8DC77



28D9FF



E2BAFF

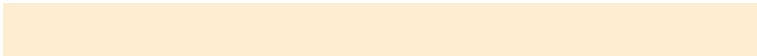


# Sweetspot

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



FFC265



FFEDD1



FF65A3



807463



000000



808080



# Same Dimension

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



FFC265



FFB647



F0FF65



807A73



BF7300

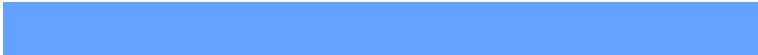


402600



# Inverse Universe

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



65A2FF



4790FF



7465FF



737880



004CBF



001940



# Previews

## White Background



This preview shows how the Hex color FFC265 looks on a white background.

## Color Contrast Check

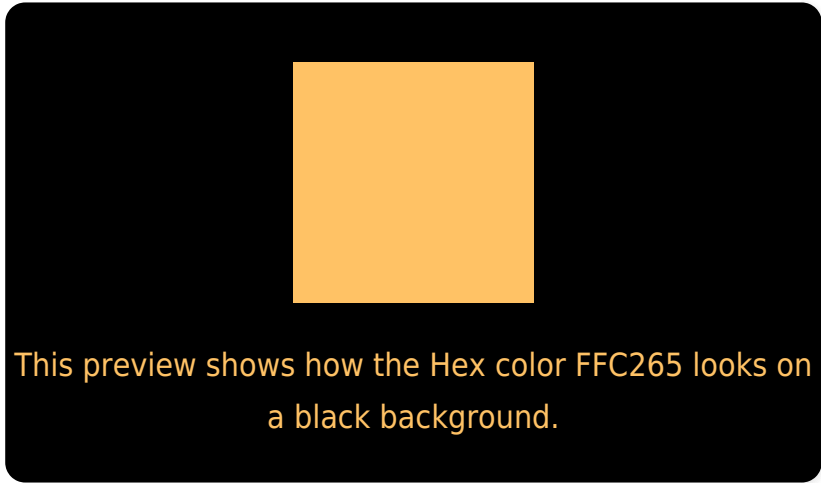
Large Text (above 18pt) WCAG AA × Fail

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 FFC265 Background



This preview shows how black text looks on a background with the Hex color FFC265.

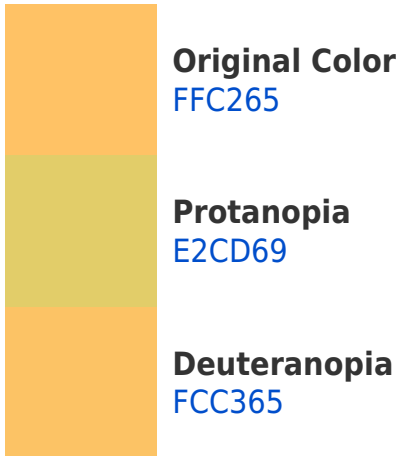


This preview shows how white text looks on a background with the Hex color FFC265.

# Color Blindness Simulation

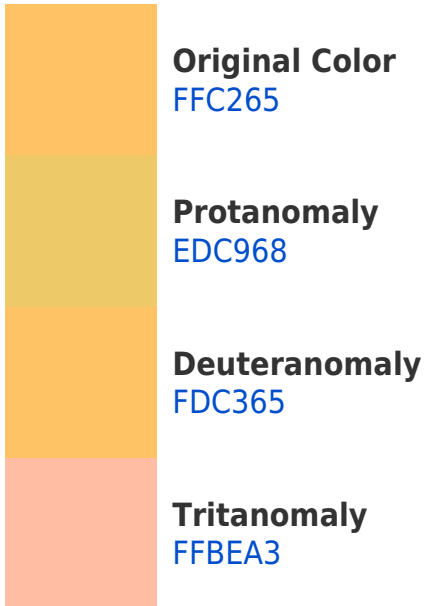
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

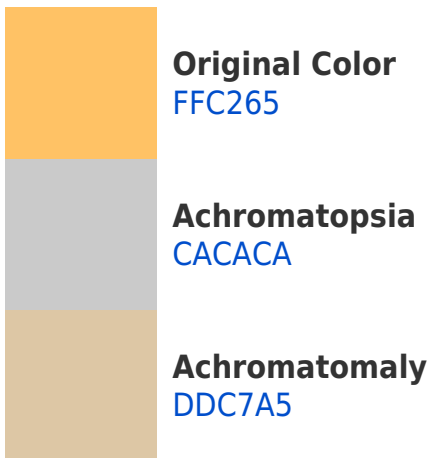




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC265 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 #FFC265 looks like.

```
.text, #text, p{  
    color:#FFC265  
}
```

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 #FFC265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC265
}
```

## Border

The CSS property to change the border of an element to Hex FFC265 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
#FFC265 }
```

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

```
.border{ border-color:#FFC265 }
```

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

Here you see how a box with a 4 pixel #FFC265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC265; -webkit-box-shadow:4px 4px  
4px 4px #FFC265; box-shadow:4px 4px 4px  
4px #FFC265 }
```

# Background

The CSS property to change the background color of an element to Hex FFC265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC265 }
```

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

```
.background{ background-color:#FFC265 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor