

# Converting Colors

Hex(FDCE64)

Have a look what the booklet for  
Hex(FDCE64) contains.

<b>Hex(FDCE64)</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(FDCE64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCE64
RGB	253, 206, 100
RGB Percent	99%, 81%, 39%
CMY	0.0078, 0.1922, 0.6078
CMYK	0.00, 0.19, 0.60, 0.01
HSL	42°, 97%, 69%
HSV	42°, 60%, 99%
XYZ	64.8796, 65.9454, 21.3658
YIQ	207.9690, 62.0380, -23.0020

# Conversions

## Conversions Part 2

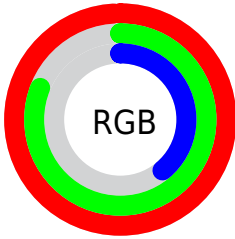
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 253, 100
Decimal	16633444
CIELab	84.97, 5.03, 57.86
CIElCh	85, 58.082, 85.027
Yxy	65.9454, 0.4263, 0.4333
Android (android.graphics.Color)	4294823524 (0xFFFDCE64)
YUV	207.9690, -53.2287, 39.4922
Hunter-Lab	81.2067, 0.4995, 41.2453

# Details

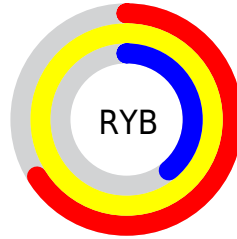
The Hex color **FDCE64** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6493FD**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFF9A**, and **C1982F** is the 20% darker color. If you saturate the color by 10%, you get **FDC64B**, and if you desaturate by 10%, it is **FDD67D**.

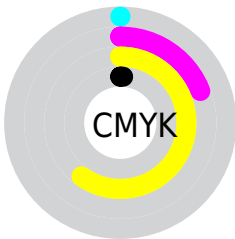
# Distribution



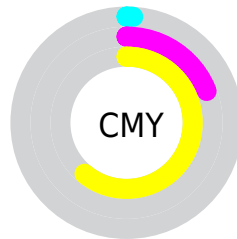
- Red (99%)
- Green (81%)
- Blue (39%)



- Red (66%)
- Yellow (99%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (60%)
- Black (1%)



- Cyan (1%)
- Magenta (19%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDCE64 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 FDCE64 by changing the saturation by 10% instead.



 FDCE64

 FDCE64

FFFFFF

 DFB34A

 FFFF9A

 C1982F

 FFFFB6

 A47E0F

 FFFF D2

 876500

 FFFF EF

 6B4E00

 503700

 362200

 1D0D00

 000000

 FDCE64

 FDCE64

 FDC64B

 FDD67D

 FDBE31

 FDDE97

 FDB718

 FDE5B0

 FDAF00

 FEEDC9

 FDF5E3

 FDFDFC

 FDFFFF

# Harmonies

## Analogous

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



FFBA7C



FDCE64



C7DF6D

# Triad

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



FDCE64



00F0FF



FFB4FF

# Complementary

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



FDCE64



6493FD

# 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.



CAC9FF



FDCE64



00EAFB

# Square

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



FDCE64



00F0C9



59DDFF



FFA7E0

# Rectangle

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



FDCE64



9DE784



59DDFF



FCBBFF

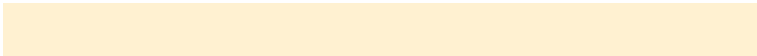


# Sweetspot

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



FDCE64



FFF1D1



FD6494



807763



000000



808080



# Same Dimension

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



FDCE64



FFC645



E1FD64



807C73



BF8500



402C00



# Inverse Universe

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



6493FD



457EFF



8064FD



737780



003BBF



001440



# Previews

## White Background



This preview shows how the Hex color FDCE64 looks on a white background.

## Color Contrast Check

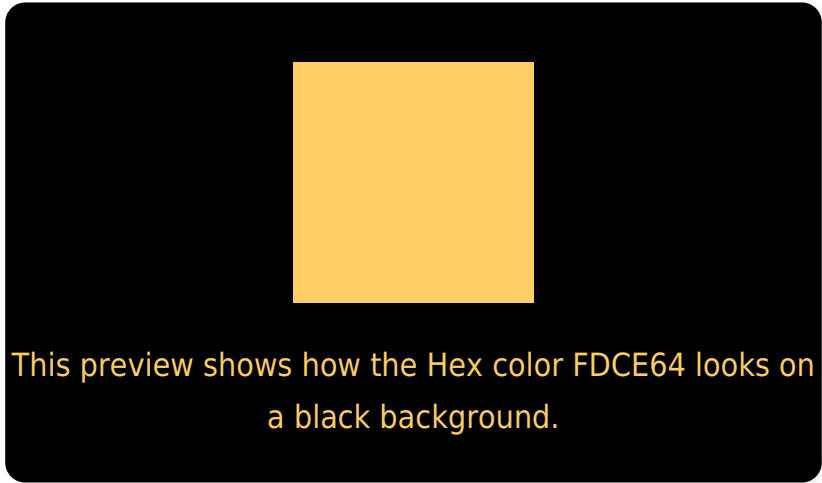
Large Text (above 18pt) WCAG AA × Fail

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 FDCE64 Background



This preview shows how black text looks on a background with the Hex color FDCE64.



This preview shows how white text looks on a background with the Hex color FDCE64.

# 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



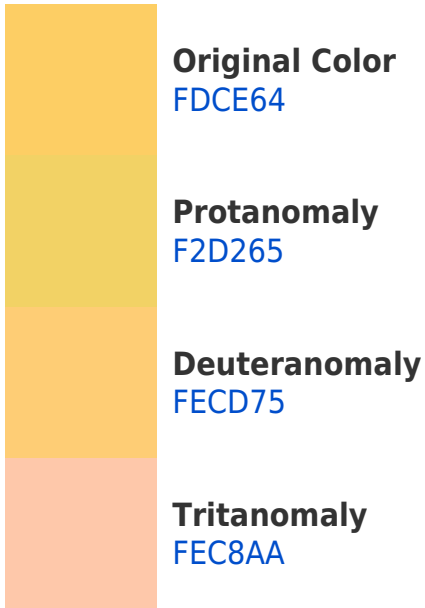
**Original Color**  
FDCE64

**Protanopia**  
EBD566

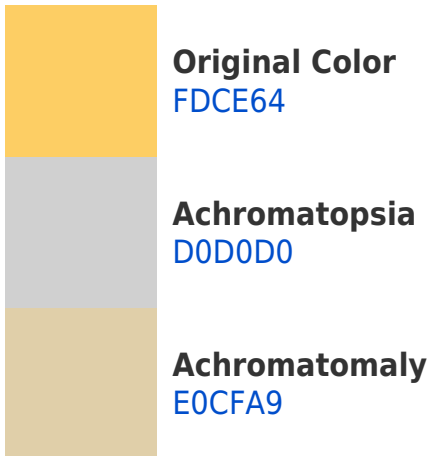
**Deuteranopia**  
FFCC7F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDCE64 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 #FDCE64 looks like.

```
.text, #text, p{  
    color:#FDCE64  
}
```

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 #FDCE64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDCE64
}
```

## Border

The CSS property to change the border of an element to Hex FDCE64 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
#FDCE64 }
```

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

```
.border{ border-color:#FDCE64 }
```

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

Here you see how a box with a 4 pixel #FDCE64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDCE64; -webkit-box-shadow:4px 4px  
4px 4px #FDCE64; box-shadow:4px 4px 4px  
4px #FDCE64 }
```

# Background

The CSS property to change the background color of an element to Hex FDCE64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDCE64 }
```

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

```
.background{ background-color:#FDCE64 }
```

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