

# Converting Colors

Hex(FED599)

Have a look what the booklet for  
Hex(FED599) contains.

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# **Color**

**Hex(FED599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED599
RGB	254, 213, 153
RGB Percent	100%, 84%, 60%
CMY	0.0039, 0.1647, 0.4000
CMYK	0.00, 0.16, 0.40, 0.00
HSL	36°, 98%, 80%
HSV	36°, 40%, 100%
XYZ	70.4171, 70.9592, 40.1221
YIQ	218.4190, 43.6960, -9.9680

# Conversions

## Conversions Part 2

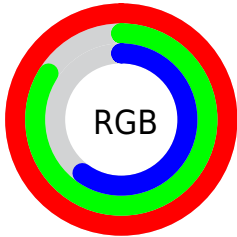
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 254, 153
Decimal	16700825
CIE <sub>Lab</sub>	87.47, 6.46, 35.00
CIE <sub>LCh</sub>	87, 35.594, 79.547
Yxy	70.9592, 0.3880, 0.3910
Android (android.graphics.Color)	4294890905 (0xFFFE599)
YUV	218.4190, -32.2516, 31.2045
Hunter-Lab	84.2373, 1.7994, 30.7264

# Details

The Hex color **FED599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **99C2FE**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFD0**, and **C49E65** is the 20% darker color. If you saturate the color by 10%, you get **FECB80**, and if you desaturate by 10%, it is **FEDFB2**.

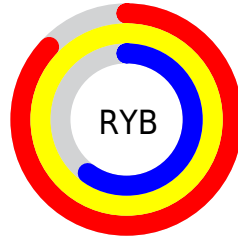
# Distribution



Red (100%)

Green (84%)

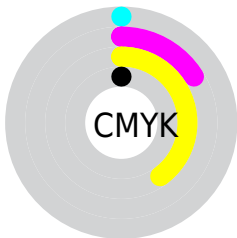
Blue (60%)



Red (87%)

Yellow (100%)

Blue (60%)

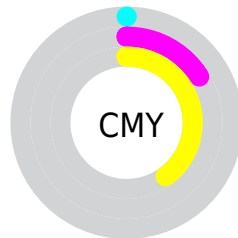


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FED599 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 FED599 by changing the saturation by 10% instead.



 FED599

 FED599

FFFFFF

 E1B97F


 FFFFD0

 C49E65

 FFFFEC

 A7844D

 8C6B35

 71531D

 573C05

 3E2600

 241300

 000000

 FED599

 FED599

 FECB80

 FEDFB2

 FEC066

 FEEACC

 FEB64D

 FEF4E5

 FEAC33

FEFEFF

 FEA11A

FEFFFF

 FE9701

 FE9700

# Harmonies

## Analogous

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



FFCAA9



FED599



DCE09B

# Triad

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



FED599



73EEF1



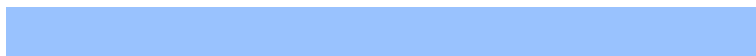
FBCBFF

# Complementary

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



FED599



99C2FE

# 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.



D0D7FF



FED599



77EAFF

# Square

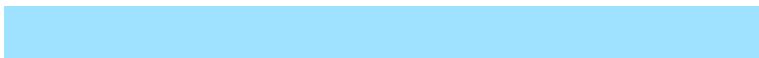
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FED599



8FEDCE



9EE2FF



FFC3E9

# Rectangle

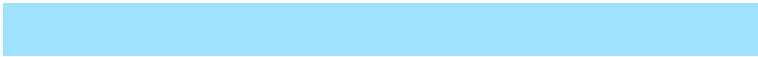
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FED599



C3E6A6



9EE2FF



EECFFF



# Sweetspot

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



FED599



FFF3E0



FE99C3



80786E



000000



808080



# Same Dimension

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



FED599



FFCD85



F6FE99



807A73



BF7200

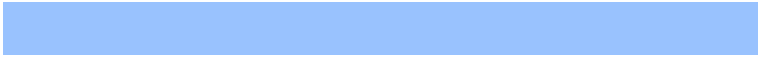


402600

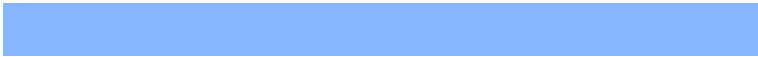


# Inverse Universe

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



99C2FE



85B6FF



A199FE



737880



004EBF



001A40



# Previews

## White Background



This preview shows how the Hex color FED599 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



This preview shows how the Hex color FED599 looks on a 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 FED599 Background



This preview shows how black text looks on a background with the Hex color FED599.

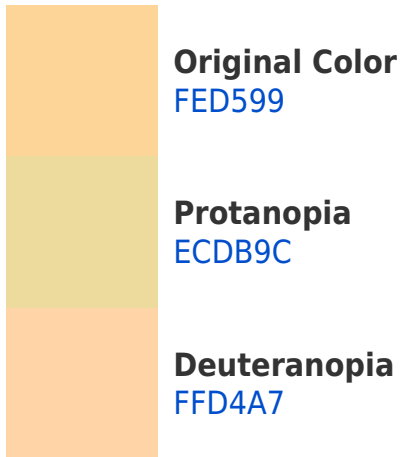


This preview shows how white text looks on a background with the Hex color FED599.

# Color Blindness Simulation

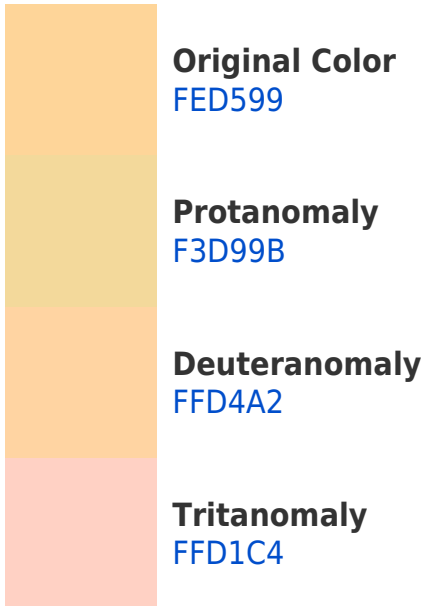
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

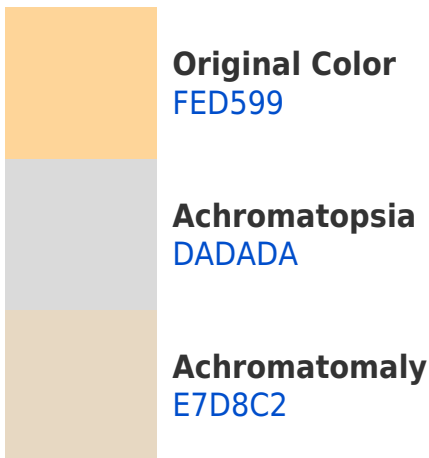




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FED599 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 #FED599 looks like.

```
.text, #text, p{  
    color:#FED599  
}
```

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 #FED599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FED599
}
```

## Border

The CSS property to change the border of an element to Hex FED599 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
#FED599 }
```

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

```
.border{ border-color:#FED599 }
```

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

Here you see how a box with a 4 pixel #FED599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FED599; -webkit-box-shadow:4px 4px  
4px 4px #FED599; box-shadow:4px 4px 4px  
4px #FED599 }
```

# Background

The CSS property to change the background color of an element to Hex FED599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FED599 }
```

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

```
.background{ background-color:#FED599 }
```

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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