

# Converting Colors

Hex(F28EC6)

Have a look what the booklet for  
Hex(F28EC6) contains.

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# **Color**

**Hex(F28EC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F28EC6
RGB	242, 142, 198
RGB Percent	95%, 56%, 78%
CMY	0.0510, 0.4431, 0.2235
CMYK	0.00, 0.41, 0.18, 0.05
HSL	326°, 79%, 75%
HSV	326°, 41%, 95%
XYZ	56.4840, 42.3005, 58.6139
YIQ	178.2840, 41.6240, 38.6160

# Conversions

## Conversions Part 2

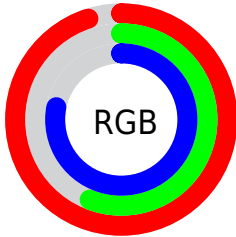
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 142, 198
Decimal	15896262
CIE Lab	71.08, 45.04, -12.56
CIE LCh	71, 46.755, 344.414
Yxy	42.3005, 0.3589, 0.2687
Android (android.graphics.Color)	4294086342 (0xFFFF28EC6)
YUV	178.2840, 9.7200, 55.8789
Hunter-Lab	65.0388, 41.2033, -7.9058

# Details

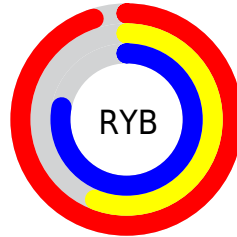
The Hex color **F28EC6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EF2BA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC5FF**, and **B85990** is the 20% darker color. If you saturate the color by 10%, you get **F276BB**, and if you desaturate by 10%, it is **F2A6D1**.

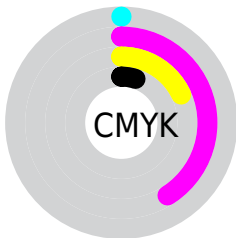
# Distribution



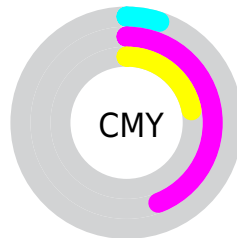
- Red (95%)
- Green (56%)
- Blue (78%)



- Red (95%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (41%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F28EC6 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 F28EC6 by changing the saturation by 10% instead.



 F28EC6

 F28EC6

FFFFFF

 D573AB

 FFC5FF

 B85990

 FFE2FF

 9C3F76

 80245E

 650146

 4B0030

 34001B

 100000

 000000

 F28EC6

 F28EC6

 F276BB

 F2A6D1

 F25EB1

 F2BEDB

 F245A6

 F2D7E6

 F22D9B

 F2EFF1

 F21591

 F2FFFB

 F20088

 F2FFFF

# Harmonies

## Analogous

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



CC9BEB



F28EC6



FF8C9B

# Triad

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



F28EC6



B4B259



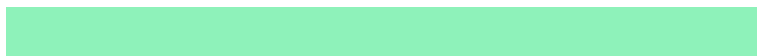
00C1E8

# Complementary

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



F28EC6



8EF2BA

# 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.



00C4C2



F28EC6



85BD6F

# Square

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



F28EC6



DBA45B



46C396



28B9FF

# Rectangle

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



F28EC6



FB9180



46C396



00C3DD



# Sweetspot

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



F28EC6



FFE0F2



B98EF2



806E78



000000



808080



# Same Dimension

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



F28EC6



FF80C7



F28E95



786C73



B80067



38001F



# Inverse Universe

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



F28EC6



FF80C7



8EF2EB



786C73



B80067

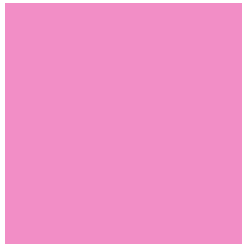


38001F



# Previews

## White Background



This preview shows how the Hex color F28EC6 looks on a white background.

## Color Contrast Check

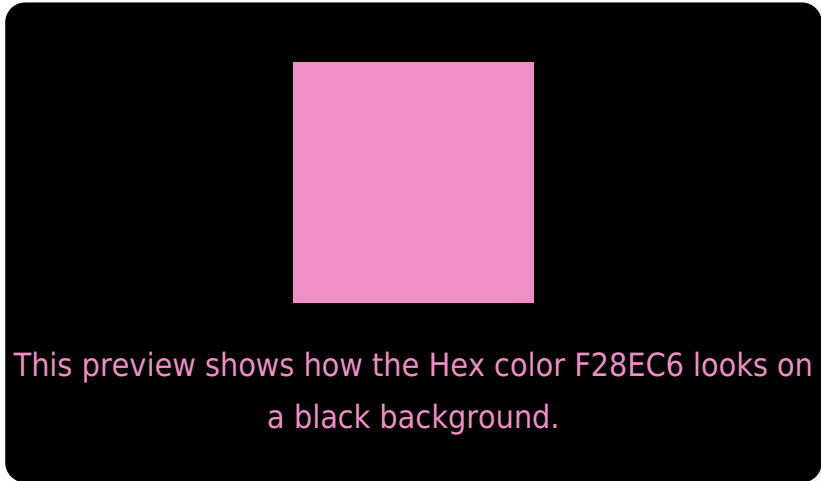
Large Text (above 18pt) WCAG AA × Fail

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 F28EC6 Background



This preview shows how black text looks on a background with the Hex color F28EC6.

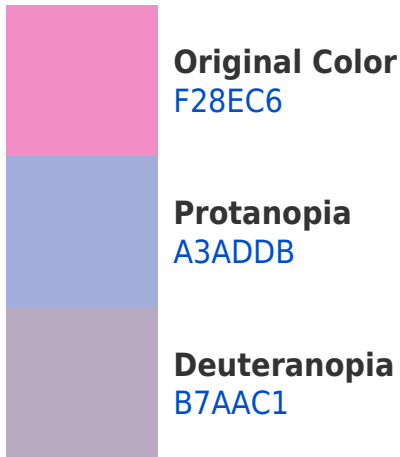


This preview shows how white text looks on a background with the Hex color F28EC6.

# 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





**Tritanopia**  
EE95A0

# Trichromacy



**Original Color**  
F28EC6



**Protanomaly**  
C0A2D3



**Deuteranomaly**  
CCA0C3

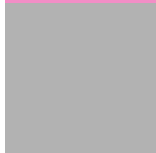


**Tritanomaly**  
EF92AE

# Monochromacy



**Original Color**  
F28EC6



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C9A5B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F28EC6 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 #F28EC6 looks like.

```
.text, #text, p{  
    color:#F28EC6  
}
```

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 #F28EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28EC6
}
```

## Border

The CSS property to change the border of an element to Hex F28EC6 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
#F28EC6 }
```

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

```
.border{ border-color:#F28EC6 }
```

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

Here you see how a box with a 4 pixel #F28EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28EC6; -webkit-box-shadow:4px 4px  
4px 4px #F28EC6; box-shadow:4px 4px 4px  
4px #F28EC6 }
```

# Background

The CSS property to change the background color of an element to Hex F28EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28EC6 }
```

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

```
.background{ background-color:#F28EC6 }
```

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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