

Converting Colors

Hex(F682DC)

Have a look what the booklet for
Hex(F682DC) contains.

Hex(F682DC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F682DC)

Conversions

Conversions Part 1

Format	Color
Hex	F682DC
RGB	246, 130, 220
RGB Percent	96%, 51%, 86%
CMY	0.0353, 0.4902, 0.1373
CMYK	0.00, 0.47, 0.11, 0.04
HSL	313°, 87%, 74%
HSV	313°, 47%, 96%
XYZ	58.9069, 40.7254, 72.4662
YIQ	174.9440, 40.2460, 52.5820

Conversions

Conversions Part 2

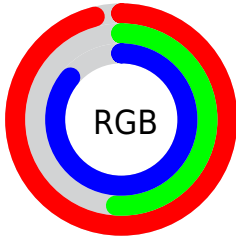
Format	Color
R _Y B	246, 130, 220
Decimal	16155356
CIE _{Lab}	69.98, 55.68, -26.37
CIE _{LCh}	70, 61.610, 334.657
Y _{xy}	40.7254, 0.3423, 0.2366
Android (android.graphics.Color)	4294345436 (0xFFFF682DC)
YUV	174.9440, 22.2126, 62.3161
Hunter-Lab	63.8165, 53.0889, -22.6547

Details

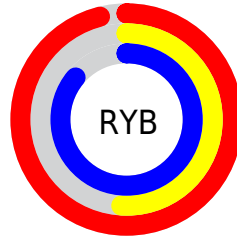
The Hex color **F682DC** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82F69C**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFBAFF**, and **BB4BA5** is the 20% darker color. If you saturate the color by 10%, you get **F669D6**, and if you desaturate by 10%, it is **F69BE2**.

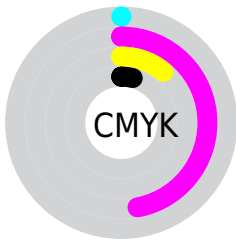
Distribution



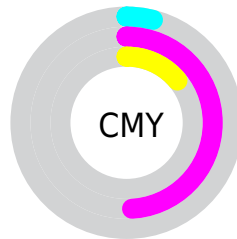
- Red (96%)
- Green (51%)
- Blue (86%)



- Red (96%)
- Yellow (51%)
- Blue (86%)



- Cyan (0%)
- Magenta (47%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color F682DC 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 F682DC by changing the saturation by 10% instead.

 F682DC

 F682DC

FFFFFF

 D867C0

 FFBAFF

 BB4BA5

 FFD7FF

 9F2F8A

 FFF4FF

 830A71

 680058

 4D0040

 36002A

 130014

 000000

 F682DC

 F682DC

 F669D6

 F69BE2

 F651D1

 F6B3E7

 F638CB

 F6CCED

 F620C6

 F6E4F2

 F607C0

 F6FDF8

 F600BF

 F6FFFD

 F6FFFF

Harmonies

Analogous

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



B999FF



F682DC



FF78A5

Triad

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



F682DC



C1AB32



00C5E9

Complementary

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



F682DC



82F69C

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.



00C6B2



F682DC



87BA49

Square

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



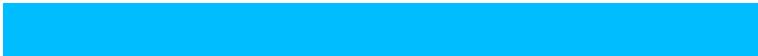
F682DC



EF9744



28C379



00BDFE

Rectangle

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



F682DC



FF7C80



28C379



00C6D8

Sweetspot

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



F682DC



FFDBF7



9B82F6



806A7B



000000



808080

Same Dimension

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



F682DC



FF6EDE



F682A3



7A6E78



BA0090



3B002E

Inverse Universe

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



F682DC



FF6EDE



82F6D5



7A6E78



BA0090



3B002E

Previews

White Background



This preview shows how the Hex color F682DC 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 F682DC Background



This preview shows how black text looks on a background with the Hex color F682DC.

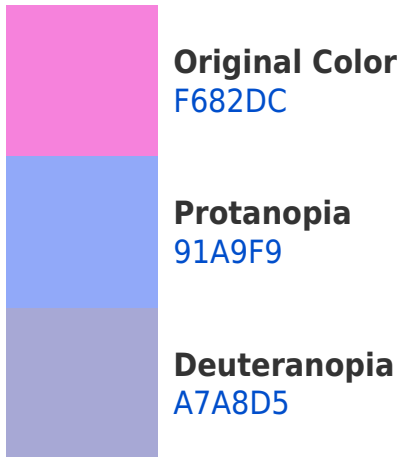


This preview shows how white text looks on a background with the Hex color F682DC.

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
EF909B

Trichromacy



Original Color
F682DC



Protanomaly
B69BEE



Deuteranomaly
C49AD8



Tritanomaly
F28BB3

Monochromacy



Original Color
F682DC



Achromatopsia
AFAFAF



Achromatomaly
C99FBF

CSS Examples

Text

The CSS property to change the color of the text to Hex F682DC 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 #F682DC looks like.

```
.text, #text, p{  
    color:#F682DC  
}
```

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 #F682DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F682DC
}
```

Border

The CSS property to change the border of an element to Hex F682DC 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
#F682DC }
```

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

```
.border{ border-color:#F682DC }
```

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

Here you see how a box with a 4 pixel #F682DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F682DC; -webkit-box-shadow:4px 4px  
4px 4px #F682DC; box-shadow:4px 4px 4px  
4px #F682DC }
```

Background

The CSS property to change the background color of an element to Hex F682DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F682DC }
```

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

```
.background{ background-color:#F682DC }
```

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