

# Converting Colors

Hex(F203D7)

Have a look what the booklet for  
Hex(F203D7) contains.

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**Color**

**Hex(F203D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F203D7
RGB	242, 3, 215
RGB Percent	95%, 1%, 84%
CMY	0.0510, 0.9882, 0.1569
CMYK	0.00, 0.99, 0.11, 0.05
HSL	307°, 98%, 48%
HSV	307°, 99%, 95%
XYZ	48.9163, 23.8487, 66.3151
YIQ	98.6290, 74.3920, 116.6000

# Conversions

## Conversions Part 2

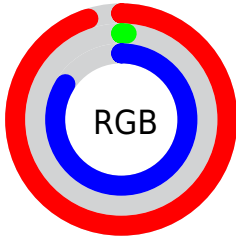
Format	Color
R <sub>Y</sub> B	242, 3, 215
Decimal	15860695
CIE Lab	55.94, 90.62, -45.50
CIE LCh	56, 101.403, 333.338
Yxy	23.8487, 0.3517, 0.1715
Android (android.graphics.Color)	4294050775 (0xFFFF203D7)
YUV	98.6290, 57.3709, 125.7364
Hunter-Lab	48.8351, 93.3352, -46.3276

# Details

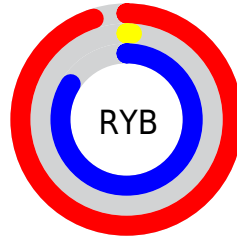
The Hex color **F203D7** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **03F21E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF65FF**, and **B500A0** is the 20% darker color. If you saturate the color by 10%, you get **F200D7**, and if you desaturate by 10%, it is **F21BDA**.

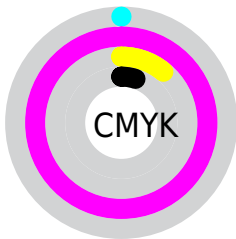
# Distribution



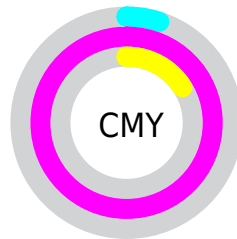
- Red (95%)
- Green (1%)
- Blue (84%)



- Red (95%)
- Yellow (1%)
- Blue (84%)



- Cyan (0%)
- Magenta (99%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (99%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F203D7 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 F203D7 by changing the saturation by 10% instead.



 F203D7

 F203D7

FFFFFF

 D300BB

 FF65FF

 B500A0

 FF86FF

 970085

 FFA5FF

 79006B

 FFC4FF

 5C0052

 FFE2FF

 40003A

 220023

 00000A

 000000

 F203D7

 F203D7

 F200D7

 F21BDA

 F233DC

 F24CDF

 F264E2

 F27CE5

 F294E7

 F2ACEA

 F2C5ED

 F2DDF0

# Harmonies

## Analogous

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



8268FF



F203D7



FF0081

# Triad

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



F203D7



9B8600



00A9E6

# Complementary

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



F203D7



03F21E

# 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.



00A88E



F203D7



349B00

# Square

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



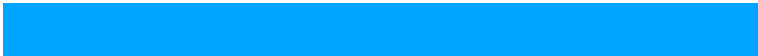
F203D7



DF6000



00A42C



00A3FF

# Rectangle

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



F203D7



FF0048



00A42C



00A9CA



# Sweetspot

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



F203D7



FFB3F6



1B03F2



80527A



000000



808080



# Same Dimension

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



F203D7



FF00E2



F20363



786C76



B800A3



380032



# Inverse Universe

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



F203D7



FF00E2



03F292



786C76



B800A3



380032



# Previews

## White Background



This preview shows how the Hex color F203D7 looks on a white background.

## Color Contrast Check

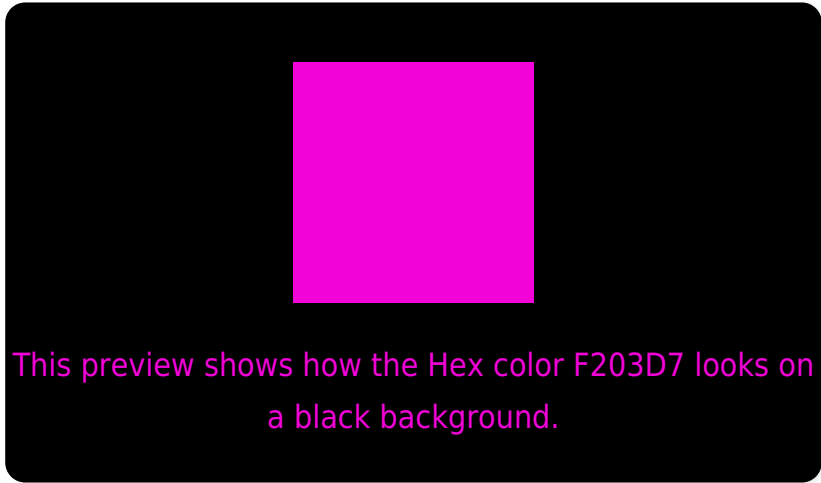
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F203D7 Background



This preview shows how black text looks on a background with the Hex color F203D7.

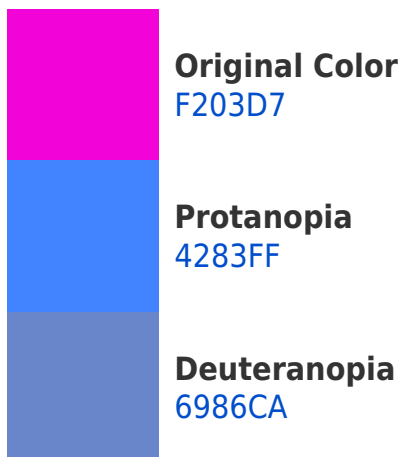



This preview shows how white text looks on a background with the Hex color F203D7.

# 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**  
E655A

# Trichromacy



**Original Color**  
F203D7



**Protanomaly**  
8254F0



**Deuteranomaly**  
9B56CF



**Tritanomaly**  
EA3787

# Monochromacy



**Original Color**  
F203D7



**Achromatopsia**  
636363



**Achromatomaly**  
97408D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F203D7 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 #F203D7 looks like.

```
.text, #text, p{  
  color:#F203D7  
}
```

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 #F203D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F203D7
}
```

## Border

The CSS property to change the border of an element to Hex F203D7 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
#F203D7 }
```

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

```
.border{ border-color:#F203D7 }
```

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

Here you see how a box with a 4 pixel #F203D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F203D7; -webkit-box-shadow:4px 4px  
4px 4px #F203D7; box-shadow:4px 4px 4px  
4px #F203D7 }
```

# Background

The CSS property to change the background color of an element to Hex F203D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F203D7 }
```

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

```
.background{ background-color:#F203D7 }
```

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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