

# Converting Colors

Hex(F20DD8)

Have a look what the booklet for  
Hex(F20DD8) contains.

<b>Hex(F20DD8)</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(F20DD8)

# Conversions

## Conversions Part 1

Format	Color
Hex	F20DD8
RGB	242, 13, 216
RGB Percent	95%, 5%, 85%
CMY	0.0510, 0.9490, 0.1529
CMYK	0.00, 0.95, 0.11, 0.05
HSL	307°, 90%, 50%
HSV	307°, 95%, 95%
XYZ	49.1565, 24.1230, 67.0311
YIQ	104.6130, 71.3210, 111.6810

# Conversions

## Conversions Part 2

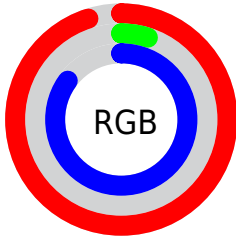
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	242, 13, 216
Decimal	15863256
CIE <sub>Lab</sub>	56.21, 90.09, -45.64
CIE <sub>LCh</sub>	56, 100.991, 333.135
Yxy	24.1230, 0.3503, 0.1719
Android (android.graphics.Color)	4294053336 (0xFFFF20DD8)
YUV	104.6130, 54.9138, 120.4884
Hunter-Lab	49.1151, 92.6990, -46.5369

# Details

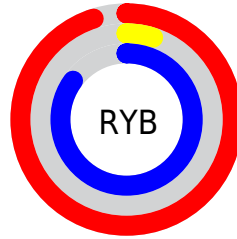
The Hex color **F20DD8** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **0DF227**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF67FF**, 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 **F225DB**.

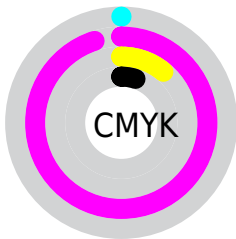
# Distribution



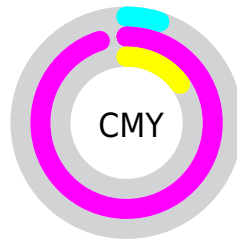
- Red (95%)
- Green (5%)
- Blue (85%)



- Red (95%)
- Yellow (5%)
- Blue (85%)



- Cyan (0%)
- Magenta (95%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (95%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F20DD8 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 F20DD8 by changing the saturation by 10% instead.



 F20DD8

 F20DD8

FFFFFF

 D300BC

 FF67FF

 B500A0

 FF87FF

 970086

 FFA6FF

 79006C

 FFC5FF

 5C0053

 FFE4FF

 40003B

 220024

 00000B

 000000

 F20DD8

 F20DD8

 F200D7

 F225DB

 F23DDD

 F256E0

 F26EE3

 F286E6

 F29EE8

 F2B6EB

 F2CFEE

 F2E7F1

# Harmonies

## Analogous

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



8269FF



F20DD8



FF0082

# Triad

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



F20DD8



9C8700



00AAE6

# Complementary

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



F20DD8



0DF227

# 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.



00A98E



F20DD8



379B00

# Square

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



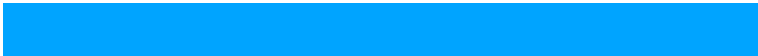
F20DD8



E06000



00A52D



00A4FF

# Rectangle

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



F20DD8



FF0049



00A52D



00AACA



# Sweetspot

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



F20DD8



FFB8F7



240DF2



80547B



000000



808080



# Same Dimension

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



F20DD8



FF00E2



F20D69



786C76



B800A3



380032



# Inverse Universe

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



F20DD8



FF00E2



0DF296



786C76



B800A3



380032



# Previews

## White Background



This preview shows how the Hex color F20DD8 looks on a white background.

## Color Contrast Check

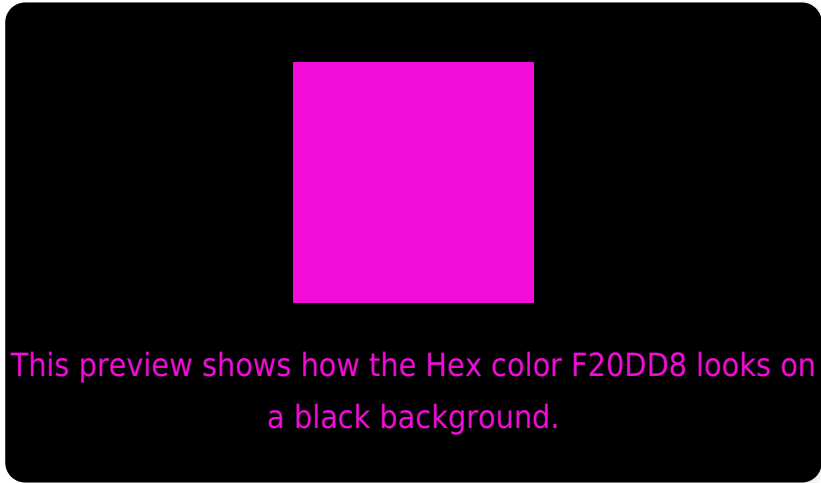
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20DD8 Background



This preview shows how black text looks on a background with the Hex color F20DD8.

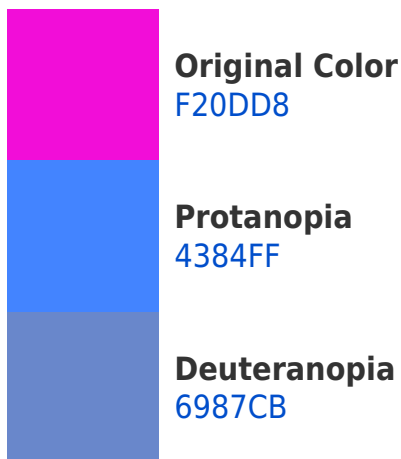


This preview shows how white text looks on a background with the Hex color F20DD8.

# 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**  
E6555B

# Trichromacy



**Original Color**  
F20DD8



**Protanomaly**  
8359F1



**Deuteranomaly**  
9B5BD0



**Tritanomaly**  
EA3B88

# Monochromacy



**Original Color**  
F20DD8



**Achromatopsia**  
696969



**Achromatomaly**  
9B4891

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F20DD8 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 #F20DD8 looks like.

```
.text, #text, p{  
    color:#F20DD8  
}
```

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 #F20DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20DD8
}
```

## Border

The CSS property to change the border of an element to Hex F20DD8 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
#F20DD8 }
```

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

```
.border{ border-color:#F20DD8 }
```

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

Here you see how a box with a 4 pixel #F20DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20DD8; -webkit-box-shadow:4px 4px  
4px 4px #F20DD8; box-shadow:4px 4px 4px  
4px #F20DD8 }
```

# Background

The CSS property to change the background color of an element to Hex F20DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20DD8 }
```

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

```
.background{ background-color:#F20DD8 }
```

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