

# Converting Colors

Hex(FF20D2)

Have a look what the booklet for  
Hex(FF20D2) contains.

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**Color**

**Hex(FF20D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF20D2
RGB	255, 32, 210
RGB Percent	100%, 13%, 82%
CMY	0.0000, 0.8745, 0.1765
CMYK	0.00, 0.87, 0.18, 0.00
HSL	312°, 100%, 56%
HSV	312°, 87%, 100%
XYZ	53.3894, 26.9462, 63.3600
YIQ	118.9690, 75.7700, 102.6340

# Conversions

## Conversions Part 2

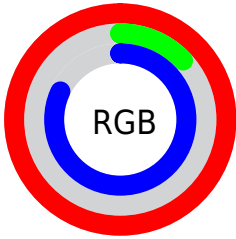
Format	Color
R <sub>Y</sub> B	255, 32, 210
Decimal	16720082
CIE Lab	58.92, 89.60, -37.79
CIE LCh	59, 97.243, 337.129
Yxy	26.9462, 0.3715, 0.1875
Android (android.graphics.Color)	4294910162 (0xFFFF20D2)
YUV	118.9690, 44.8783, 119.2992
Hunter-Lab	51.9097, 92.7461, -36.0314

# Details

The Hex color **FF20D2** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **20FF4D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF6FFF**, and **C1009B** is the 20% darker color. If you saturate the color by 10%, you get **FF07CD**, and if you desaturate by 10%, it is **FF39D7**.

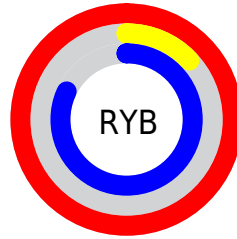
# Distribution



Red (100%)

Green (13%)

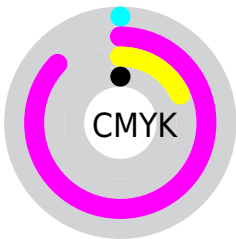
Blue (82%)



Red (100%)

Yellow (13%)

Blue (82%)

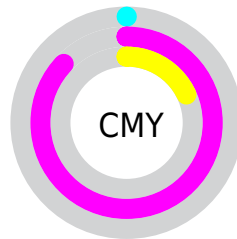


Cyan (0%)

Magenta (87%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF20D2 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 FF20D2 by changing the saturation by 10% instead.



 FF20D2

 FF20D2

FFFFFF

 E000B6

 FF6FFF

 C1009B

 FF8FFF

 A30081

 FFAEFF

 850067

 FFCDFD

 68004E

 FFECFF

 4C0037

 2E0021

 000004

 000000

 FF20D2

 FF20D2

 FF07CD

 FF39D7

 FF00CC

 FF53DC

 FF6CE1

 FF86E7

 FFA0EC

 FFB9F1

 FFD3F6

 FFECFB

FFFFFF

# Harmonies

## Analogous

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



A16BFF



FF20D2



FF007E

# Triad

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



FF20D2



9A9100



00B0F4

# Complementary

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



FF20D2



20FF4D

# 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.



00B0A1



FF20D2



31A400

# Square

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



FF20D2



DF6F00



00AD45



00A8FF

# Rectangle

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



FF20D2



FF0A46



00AD45



00B1DA



# Sweetspot

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



FF20D2



FFBDF2



4D20FF



805878



000000



808080



# Same Dimension

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



FF20D2



FF00CC



FF2063



80737D



BF0099



400033



# Inverse Universe

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



FF20D2



FF00CC



20FFBC



80737D



BF0099



400033



# Previews

## White Background



This preview shows how the Hex color FF20D2 looks on a white background.

## Color Contrast Check

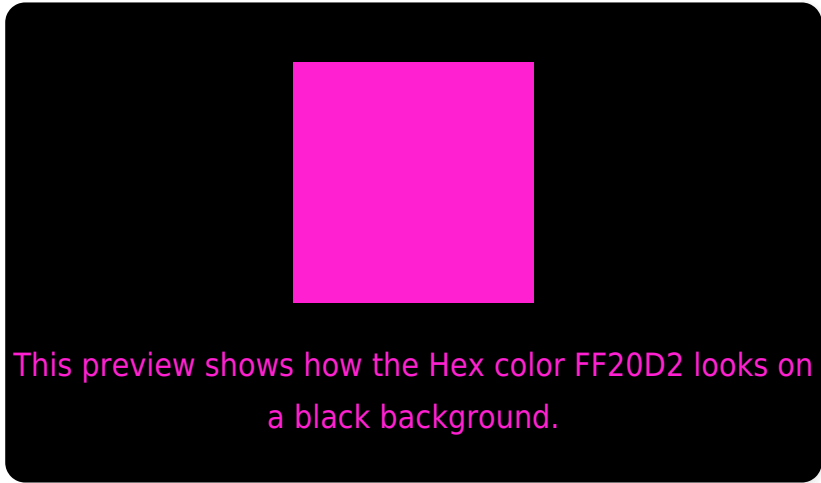
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF20D2 Background



This preview shows how black text looks on a background with the Hex color FF20D2.

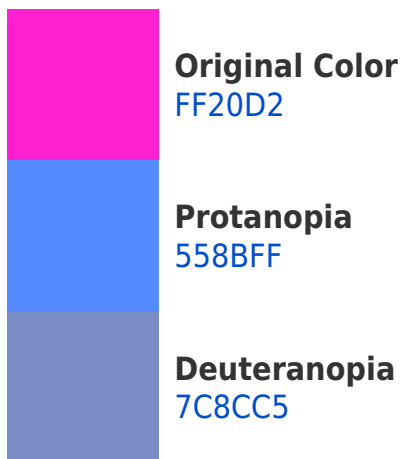


This preview shows how white text looks on a background with the Hex color FF20D2.

# 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**  
F5575C

# Trichromacy



**Original Color**  
FF20D2



**Protanomaly**  
9364EF



**Deuteranomaly**  
AC65CA



**Tritanomaly**  
F94387

# Monochromacy



**Original Color**  
FF20D2



**Achromatopsia**  
777777



**Achromatomaly**  
A85798

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF20D2 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 #FF20D2 looks like.

```
.text, #text, p{  
    color:#FF20D2  
}
```

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 #FF20D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF20D2
}
```

## Border

The CSS property to change the border of an element to Hex FF20D2 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
#FF20D2 }
```

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

```
.border{ border-color:#FF20D2 }
```

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

Here you see how a box with a 4 pixel #FF20D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF20D2; -webkit-box-shadow:4px 4px  
4px 4px #FF20D2; box-shadow:4px 4px 4px  
4px #FF20D2 }
```

# Background

The CSS property to change the background color of an element to Hex FF20D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF20D2 }
```

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

```
.background{ background-color:#FF20D2 }
```

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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