

Converting Colors

Hex(FF66D6)

Have a look what the booklet for
Hex(FF66D6) contains.

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Color

Hex(F666D6)

Conversions

Conversions Part 1

Format	Color
Hex	FF66D6
RGB	255, 102, 214
RGB Percent	100%, 40%, 84%
CMY	0.0000, 0.6000, 0.1608
CMYK	0.00, 0.60, 0.16, 0.00
HSL	316°, 100%, 70%
HSV	316°, 60%, 100%
XYZ	58.1290, 35.6178, 67.4295
YIQ	160.5150, 55.2360, 67.2680

Conversions

Conversions Part 2

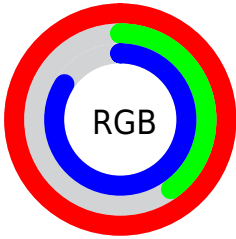
Format	Color
R _Y B	255, 102, 214
Decimal	16738006
CIE _{Lab}	66.23, 69.99, -28.70
CIE _{LCh}	66, 75.644, 337.699
Yxy	35.6178, 0.3607, 0.2210
Android (android.graphics.Color)	4294928086 (0xFFFF66D6)
YUV	160.5150, 26.3681, 82.8633
Hunter-Lab	59.6806, 69.4180, -25.2117

Details

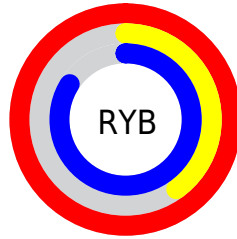
The Hex color **FF66D6** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66FF8F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFA0FF**, and **C3259F** is the 20% darker color. If you saturate the color by 10%, you get **FF4DCF**, and if you desaturate by 10%, it is **FF80DD**.

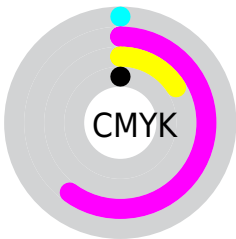
Distribution



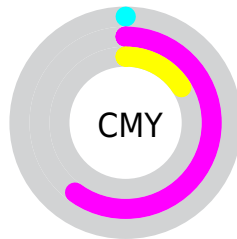
- Red (100%)
- Green (40%)
- Blue (84%)



- Red (100%)
- Yellow (40%)
- Blue (84%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF66D6 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 FF66D6 by changing the saturation by 10% instead.

 FF66D6

 FF66D6

FFFFFF

 E148BA

 FFA0FF

 C3259F

 FFBDFE

 A60085

 FFD8FF

 89006B

 FFF9FF

 6C0053

 51003B

 360025

 13000C

 000000

 FF66D6

 FF66D6

 FF4DCF

 FF80DD

 FF33C8

 FF99E4

 FF19C2

 FFB3EB

 FF00BB

 FFCCF1

 FFE6F8

FFFFFF

Harmonies

Analogous

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



B887FF



FF66D6



FF5892

Triad

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



FF66D6



B1A400



00BEF3

Complementary

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



FF66D6



66FF8F

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.



00C0B1



FF66D6



67B425

Square

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



FF66D6



E98A0E



00BD6A



00B6FF

Rectangle

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



FF66D6



FF6366



00BD6A



00C0DF

Sweetspot

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



FF66D6



FFD1F3



8F66FF



806378



000000



808080

Same Dimension

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



FF66D6



FF47CE



FF668A



80737C



BF008C



40002F

Inverse Universe

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



FF66D6



FF47CE



66FFDB



80737C



BF008C



40002F

Previews

White Background



This preview shows how the Hex color FF66D6 looks on a white background.

Color Contrast Check

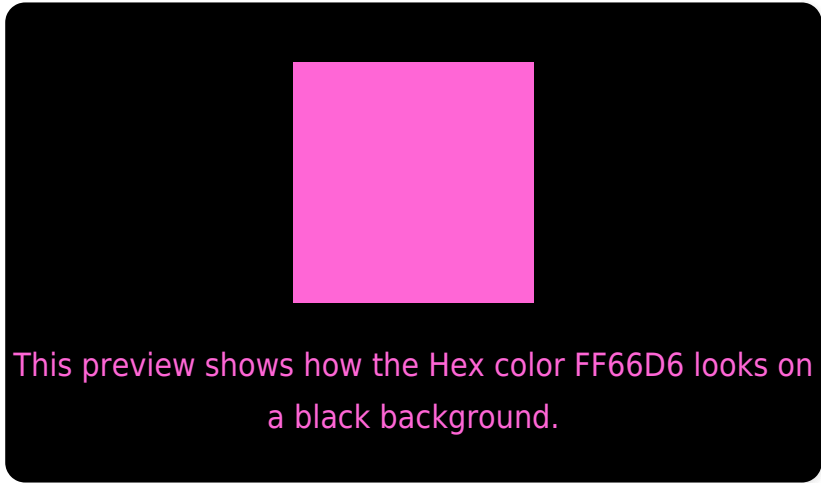
Large Text (above 18pt) WCAG AA × Fail

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 FF66D6 Background



This preview shows how black text looks on a background with the Hex color FF66D6.

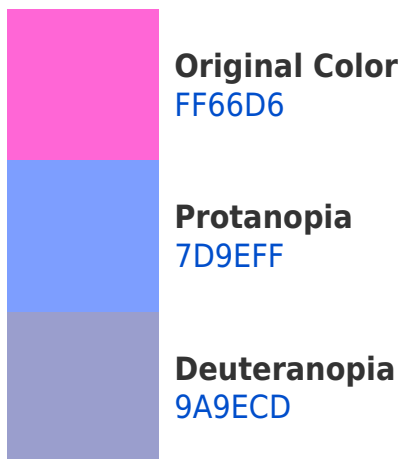


This preview shows how white text looks on a background with the Hex color FF66D6.

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
F77B83

Trichromacy



Original Color
FF66D6



Protanomaly
AC8AF0



Deuteranomaly
BF8AD0



Tritanomaly
FA73A1

Monochromacy



Original Color
FF66D6



Achromatopsia
A1A1A1



Achromatomaly
C38CB4

CSS Examples

Text

The CSS property to change the color of the text to Hex FF66D6 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 #FF66D6 looks like.

```
.text, #text, p{  
    color:#FF66D6  
}
```

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 #FF66D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF66D6
}
```

Border

The CSS property to change the border of an element to Hex FF66D6 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
#FF66D6 }
```

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

```
.border{ border-color:#FF66D6 }
```

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

Here you see how a box with a 4 pixel #FF66D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF66D6; -webkit-box-shadow:4px 4px  
4px 4px #FF66D6; box-shadow:4px 4px 4px  
4px #FF66D6 }
```

Background

The CSS property to change the background color of an element to Hex FF66D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF66D6 }
```

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

```
.background{ background-color:#FF66D6 }
```

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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