

Converting Colors

Hex(FF36D3)

Have a look what the booklet for
Hex(FF36D3) contains.

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Color

Hex(F36D3)

Conversions

Conversions Part 1

Format	Color
Hex	FF36D3
RGB	255, 54, 211
RGB Percent	100%, 21%, 83%
CMY	0.0000, 0.7882, 0.1725
CMYK	0.00, 0.79, 0.17, 0.00
HSL	313°, 100%, 61%
HSV	313°, 79%, 100%
XYZ	54.3170, 28.6015, 64.2858
YIQ	131.9970, 69.3990, 91.4390

Conversions

Conversions Part 2

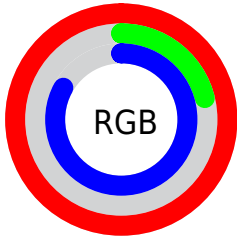
Format	Color
R_{YB}	255, 54, 211
Decimal	16725715
CIE _{Lab}	60.43, 85.49, -36.01
CIE _{LCh}	60, 92.767, 337.159
Yxy	28.6015, 0.3690, 0.1943
Android (android.graphics.Color)	4294915795 (0xFFFF36D3)
YUV	131.9970, 38.9485, 107.8736
Hunter-Lab	53.4804, 87.7020, -33.8330

Details

The Hex color **FF36D3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **36FF62**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7BFF**, and **C2009C** is the 20% darker color. If you saturate the color by 10%, you get **FF1CCD**, and if you desaturate by 10%, it is **FF50D9**.

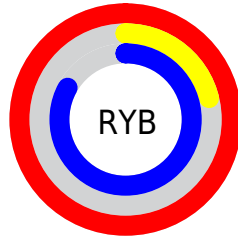
Distribution



Red (100%)

Green (21%)

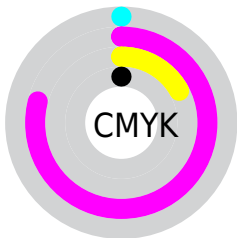
Blue (83%)



Red (100%)

Yellow (21%)

Blue (83%)

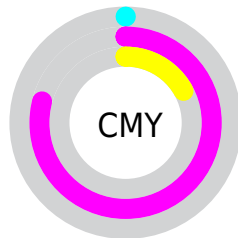


Cyan (0%)

Magenta (79%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF36D3 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 FF36D3 by changing the saturation by 10% instead.

 FF36D3

 FF36D3

FFFFFF

 E000B7

 FF7BFF

 C2009C

 FF9AFF

 A40082

 FFB8FF

 860068

 FFD6FF

 69004F

 FFF5FF

 4E0038

 2F0022

 000006

 000000

 FF36D3

 FF36D3

 FF1CCD

 FF50D9

 FF03C8

 FF69DE

 FF00C7

 FF83E4

 FF9CE9

 FFB5EF

 FFCFF4

 FFE9FA

FFFFFF

Harmonies

Analogous

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



A671FF



FF36D3



FF0082

Triad

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



FF36D3



9F9500



00B3F4

Complementary

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



FF36D3



36FF62

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.



00B4A4



FF36D3



40A700

Square

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



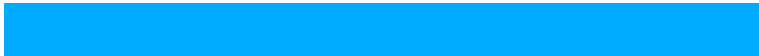
FF36D3



E17500



00B04D



00ABFF

Rectangle

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



FF36D3



FF2C4D



00B04D



00B4DB

Sweetspot

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



FF36D3



FFC2F2



6236FF



805B77



000000



808080

Same Dimension

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



FF36D3



FF0DCA



FF366F



80737D



BF0095



400032

Inverse Universe

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



FF36D3



FF0DCA



36FFC6



80737D



BF0095



400032

Previews

White Background



This preview shows how the Hex color FF36D3 looks on a white background.

Color Contrast Check

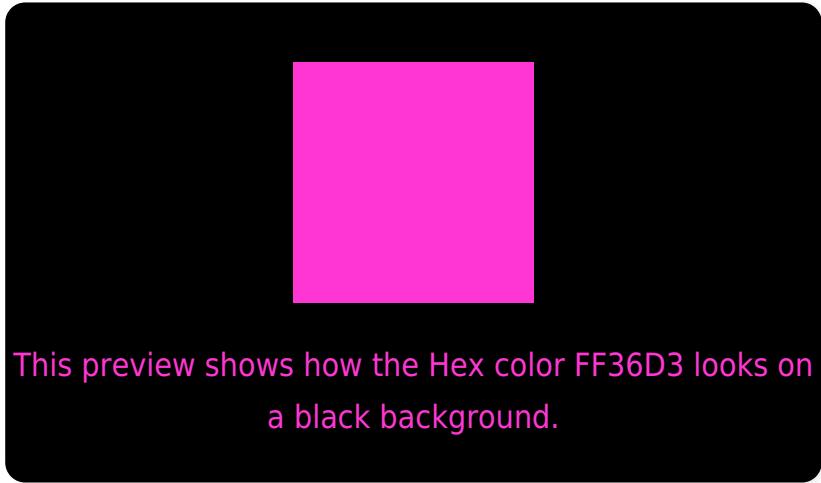
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF36D3 Background



This preview shows how black text looks on a background with the Hex color FF36D3.

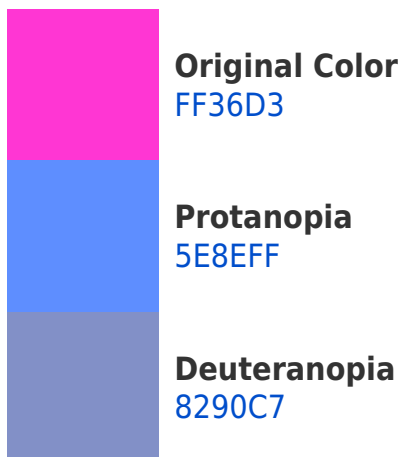


This preview shows how white text looks on a background with the Hex color FF36D3.

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
F55E64

Trichromacy



Original Color
FF36D3



Protanomaly
996EEF



Deuteranomaly
AF6FCB



Tritanomaly
F94F8C

Monochromacy



Original Color
FF36D3



Achromatopsia
848484



Achromatomaly
B168A1

CSS Examples

Text

The CSS property to change the color of the text to Hex FF36D3 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 #FF36D3 looks like.

```
.text, #text, p{  
    color:#FF36D3  
}
```

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 #FF36D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF36D3
}
```

Border

The CSS property to change the border of an element to Hex FF36D3 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
#FF36D3 }
```

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

```
.border{ border-color:#FF36D3 }
```

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

Here you see how a box with a 4 pixel #FF36D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF36D3; -webkit-box-shadow:4px 4px  
4px 4px #FF36D3; box-shadow:4px 4px 4px  
4px #FF36D3 }
```

Background

The CSS property to change the background color of an element to Hex FF36D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF36D3 }
```

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

```
.background{ background-color:#FF36D3 }
```

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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