

Converting Colors

Hex(FF35B5)

Have a look what the booklet for
Hex(FF35B5) contains.

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Color

Hex(**FF35B5**)

Conversions

Conversions Part 1

Format	Color
Hex	FF35B5
RGB	255, 53, 181
RGB Percent	100%, 21%, 71%
CMY	0.0000, 0.7922, 0.2902
CMYK	0.00, 0.79, 0.29, 0.00
HSL	322°, 100%, 60%
HSV	322°, 79%, 100%
XYZ	50.8536, 27.1424, 46.2748
YIQ	127.9900, 79.3040, 82.6320

Conversions

Conversions Part 2

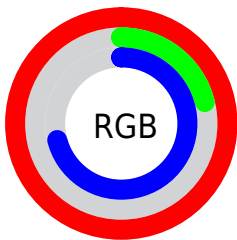
Format	Color
R_{YB}	255, 53, 181
Decimal	16725429
CIE _{Lab}	59.11, 82.18, -20.88
CIE _{LCh}	59, 84.789, 345.747
Yxy	27.1424, 0.4092, 0.2184
Android (android.graphics.Color)	4294915509 (0xFFFF35B5)
YUV	127.9900, 26.1339, 111.3878
Hunter-Lab	52.0984, 83.0630, -16.1937

Details

The Hex color **FF35B5** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **35FF7F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF79ED**, and **C10080** is the 20% darker color. If you saturate the color by 10%, you get **FF1BAC**, and if you desaturate by 10%, it is **FF4FBE**.

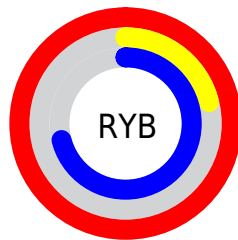
Distribution



Red (100%)

Green (21%)

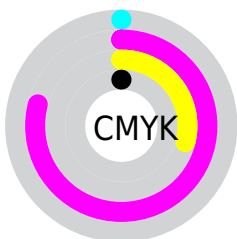
Blue (71%)



Red (100%)

Yellow (21%)

Blue (71%)

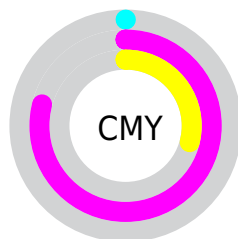


Cyan (0%)

Magenta (79%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF35B5 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 FF35B5 by changing the saturation by 10% instead.

 FF35B5

 FF35B5

FFFFFF

 E0009A

 FF79ED

 C10080

 FF98FF

 A30067

 FFB6FF

 85004F

 FFD4FF

 670037

 FFF3FF

 4C0022

 2E0007

 000000

 FF35B5

 FF35B5

 FF1BAC

 FF4FBE

 FF02A2

 FF68C8

 FF00A2

 FF82D1

 FF9BDA

 FFB4E4

 FFCEED

 FFE8F6

FFFFFF

Harmonies

Analogous

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



C064F8



FF35B5



FF2C6B

Triad

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



FF35B5



889700



00ACF8

Complementary

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



FF35B5



35FF7F

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.



00AEB5



FF35B5



15A508

Square

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



FF35B5



C97E00



00AC67



00A1FF

Rectangle

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



FF35B5



FF493B



00AC67



00ADE4

Sweetspot

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



FF35B5



FFC2E9



7C35FF



805B72



000000



808080

Same Dimension

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



FF35B5



FF0DA6



FF3553



80737B



BF0079



400028

Inverse Universe

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



FF35B5



FF0DA6



35FFE1



80737B



BF0079



400028

Previews

White Background



This preview shows how the Hex color FF35B5 looks on a white background.

Color Contrast Check

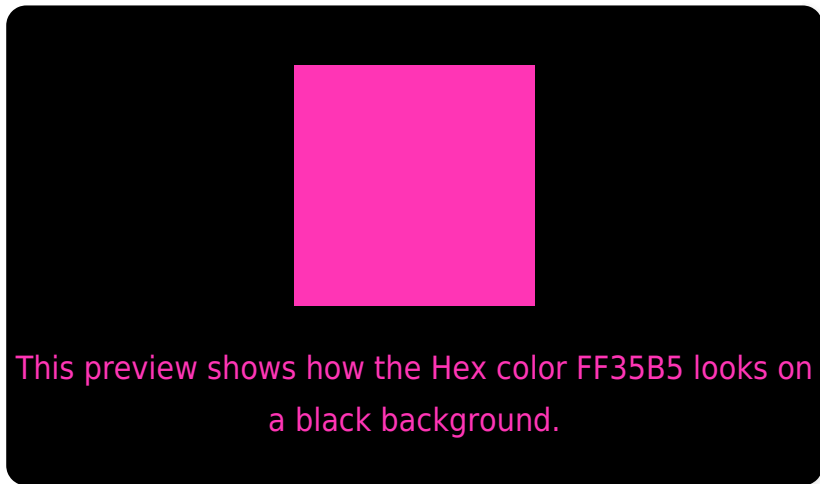
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF35B5 Background



This preview shows how black text looks on a background with the Hex color FF35B5.




This preview shows how white text looks on a background with the Hex color FF35B5.

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
F85459

Trichromacy



Original Color
FF35B5



Protanomaly
9A6CDD



Deuteranomaly
B86CAE



Tritanomaly
FB497A

Monochromacy



Original Color
FF35B5



Achromatopsia
808080



Achromatomaly
AE6593

CSS Examples

Text

The CSS property to change the color of the text to Hex FF35B5 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 #FF35B5 looks like.

```
.text, #text, p{  
    color:#FF35B5  
}
```

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 #FF35B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF35B5
}
```

Border

The CSS property to change the border of an element to Hex FF35B5 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
#FF35B5 }
```

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

```
.border{ border-color:#FF35B5 }
```

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

Here you see how a box with a 4 pixel #FF35B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF35B5; -webkit-box-shadow:4px 4px  
4px 4px #FF35B5; box-shadow:4px 4px 4px  
4px #FF35B5 }
```

Background

The CSS property to change the background color of an element to Hex FF35B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF35B5 }
```

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

```
.background{ background-color:#FF35B5 }
```

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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