

Converting Colors

Hex(FD5EE5)

Have a look what the booklet for
Hex(FD5EE5) contains.

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Color

Hex(FD5EE5)

Conversions

Conversions Part 1

Format	Color
Hex	FD5EE5
RGB	253, 94, 229
RGB Percent	99%, 37%, 90%
CMY	0.0078, 0.6314, 0.1020
CMYK	0.00, 0.63, 0.09, 0.01
HSL	309°, 98%, 68%
HSV	309°, 63%, 99%
XYZ	58.6536, 34.5452, 77.7052
YIQ	156.9310, 51.4290, 75.6930

Conversions

Conversions Part 2

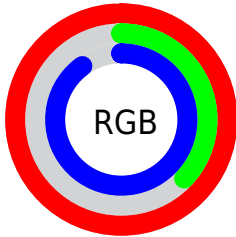
Format	Color
R _Y B	253, 94, 229
Decimal	16604901
CIE Lab	65.39, 74.85, -38.40
CIE LCh	65, 84.126, 332.845
Yxy	34.5452, 0.3432, 0.2021
Android (android.graphics.Color)	4294794981 (0xFFFD5EE5)
YUV	156.9310, 35.5300, 84.2525
Hunter-Lab	58.7752, 75.2742, -37.2433

Details

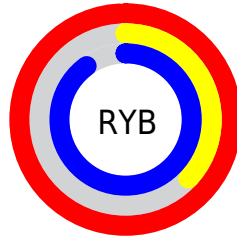
The Hex color **FD5EE5** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5EFD76**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FF99FF**, and **C114AD** is the 20% darker color. If you saturate the color by 10%, you get **FD45E1**, and if you desaturate by 10%, it is **FD77E9**.

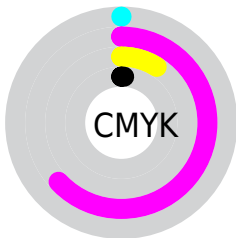
Distribution



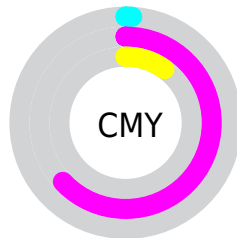
- Red (99%)
- Green (37%)
- Blue (90%)



- Red (99%)
- Yellow (37%)
- Blue (90%)



- Cyan (0%)
- Magenta (63%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (63%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD5EE5 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 FD5EE5 by changing the saturation by 10% instead.

 FD5EE5

 FD5EE5

FFFFFF

 DF3EC9

 FF99FF

 C114AD

 FFB7FF

 A40092

 FFD4FF

 870078

 FFF2FF

 6A005F

 4E0047

 33002F

 0F0019

 000000

 FD5EE5

 FD5EE5

 FD45E1

 FD77E9

 FD2BDD

 FD91ED

 FD12DA

 FDDAF0

 FD00D7

 FDC3F4

 FDDDF8

 FDF6FC

 FDFFFF

Harmonies

Analogous

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



A387FF



FD5EE5



FF439B

Triad

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



FD5EE5



B99E00



00BFEF

Complementary

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



FD5EE5



5EFD76

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.



00C0A4



FD5EE5



6BB100

Square

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



FD5EE5



F48000



00BB55



00B8FF

Rectangle

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



FD5EE5



FF4E69



00BB55



00C0D7

Sweetspot

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



FD5EE5



FFCFF8



765EFD



80627B



000000



808080

Same Dimension

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



FD5EE5



FF40E2



FD5E96



80737E



BF00A2



400036

Inverse Universe

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



FD5EE5



FF40E2



5EFDC5



80737E



BF00A2



400036

Previews

White Background



This preview shows how the Hex color FD5EE5 looks on a white background.

Color Contrast Check

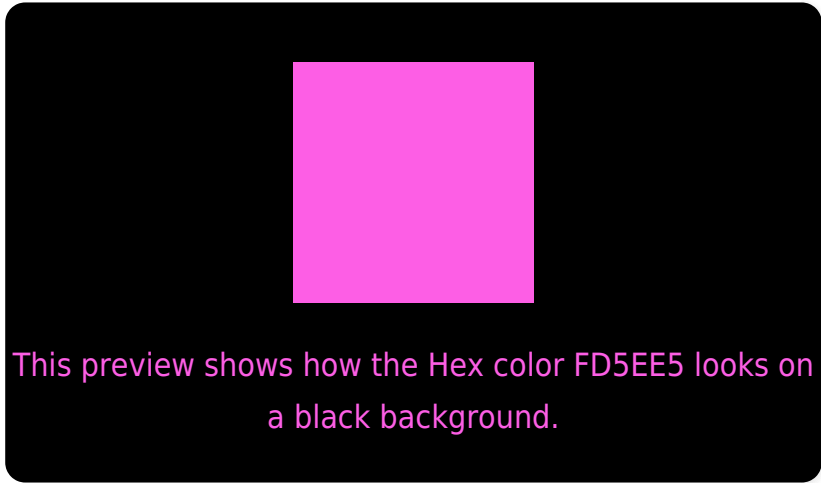
Large Text (above 18pt) WCAG AA × Fail

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 FD5EE5 Background



This preview shows how black text looks on a background with the Hex color FD5EE5.

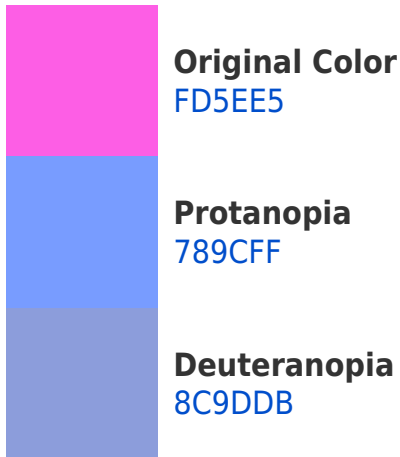


This preview shows how white text looks on a background with the Hex color FD5EE5.

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
F37982

Trichromacy



Original Color
FD5EE5



Protanomaly
A885F6



Deuteranomaly
B586DF



Tritanomaly
F76FA6

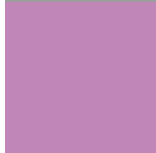
Monochromacy



Original Color
FD5EE5



Achromatopsia
9D9D9D



Achromatomaly
C086B7

CSS Examples

Text

The CSS property to change the color of the text to Hex FD5EE5 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 #FD5EE5 looks like.

```
.text, #text, p{  
    color:#FD5EE5  
}
```

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 #FD5EE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD5EE5
}
```

Border

The CSS property to change the border of an element to Hex FD5EE5 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
#FD5EE5 }
```

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

```
.border{ border-color:#FD5EE5 }
```

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

Here you see how a box with a 4 pixel #FD5EE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD5EE5; -webkit-box-shadow:4px 4px  
4px 4px #FD5EE5; box-shadow:4px 4px 4px  
4px #FD5EE5 }
```

Background

The CSS property to change the background color of an element to Hex FD5EE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD5EE5 }
```

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

```
.background{ background-color:#FD5EE5 }
```

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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