

Converting Colors

Hex(FD5FE6)

Have a look what the booklet for
Hex(FD5FE6) contains.

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Color

Hex(FD5FE6)

Conversions

Conversions Part 1

Format	Color
Hex	FD5FE6
RGB	253, 95, 230
RGB Percent	99%, 37%, 90%
CMY	0.0078, 0.6275, 0.0980
CMYK	0.00, 0.62, 0.09, 0.01
HSL	309°, 98%, 68%
HSV	309°, 62%, 99%
XYZ	58.8831, 34.7802, 78.4727
YIQ	157.6320, 50.8330, 75.4810

Conversions

Conversions Part 2

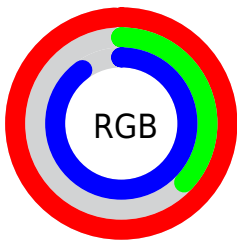
Format	Color
R _Y B	253, 95, 230
Decimal	16605158
CIE Lab	65.58, 74.61, -38.66
CIE LCh	66, 84.037, 332.607
Yxy	34.7802, 0.3421, 0.2021
Android (android.graphics.Color)	4294795238 (0xFFFD5FE6)
YUV	157.6320, 35.6774, 83.6377
Hunter-Lab	58.9748, 75.0168, -37.6098

Details

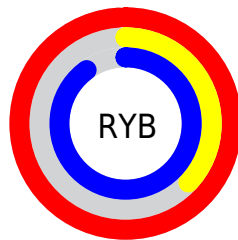
The Hex color **FD5FE6** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5FFD76**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FF9AFF**, and **C116AE** is the 20% darker color. If you saturate the color by 10%, you get **FD46E2**, and if you desaturate by 10%, it is **FD78EA**.

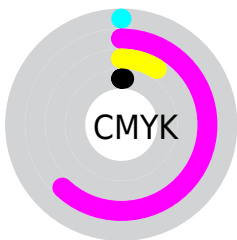
Distribution



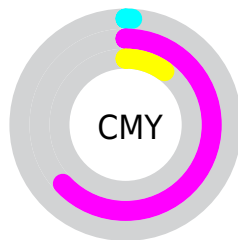
- Red (99%)
- Green (37%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (62%)
- Yellow (9%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color FD5FE6 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 FD5FE6 by changing the saturation by 10% instead.

 FD5FE6

 FD5FE6

FFFFFF

 DF3FCA

 FF9AFF

 C116AE

 FFB7FF

 A40093

 FFD5FF

 870079

 FFF3FF

 6A0060

 4E0047

 340030

 10001A

 000000

 FD5FE6

 FD5FE6

 FD46E2

 FD78EA

 FD2CDF

 FD92ED

 FD13DB

 FDABF1

 FD00D8

 FDC4F5

 FDDEF8

 FDF7FC

 FDFFFF

Harmonies

Analogous

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



A388FF



FD5FE6



FF449C

Triad

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



FD5FE6



BA9E00



00C0EF

Complementary

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



FD5FE6



5FFD76

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



FD5FE6



6CB200

Square

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



FD5FE6



F58000



00BC55



00B9FF

Rectangle

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



FD5FE6



FF4E6A



00BC55



00C0D7

Sweetspot

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



FD5FE6



FFCFF8



745FFD



80627B



000000



808080

Same Dimension

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



FD5FE6



FF40E3



FD5F99



80737E



BF00A3



400036

Inverse Universe

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



FD5FE6



FF40E3



5FFDC3



80737E



BF00A3



400036

Previews

White Background



This preview shows how the Hex color FD5FE6 looks on a white background.

Color Contrast Check

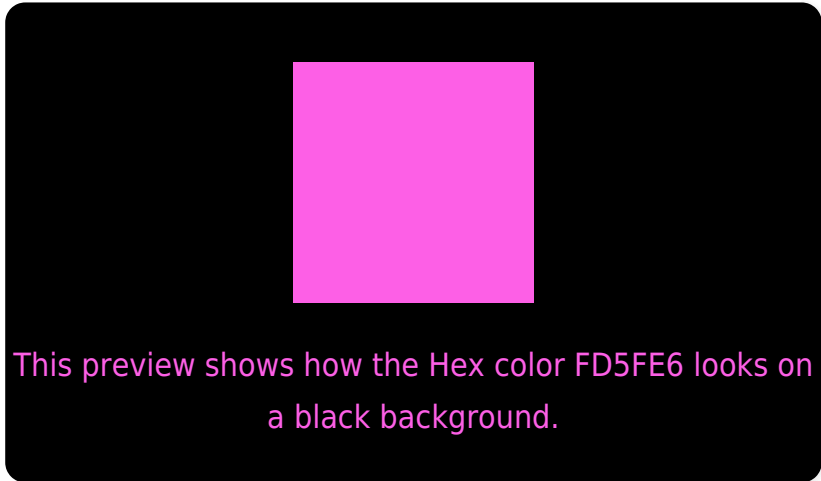
Large Text (above 18pt) WCAG AA × Fail

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 FD5FE6 Background



This preview shows how black text looks on a background with the Hex color FD5FE6.

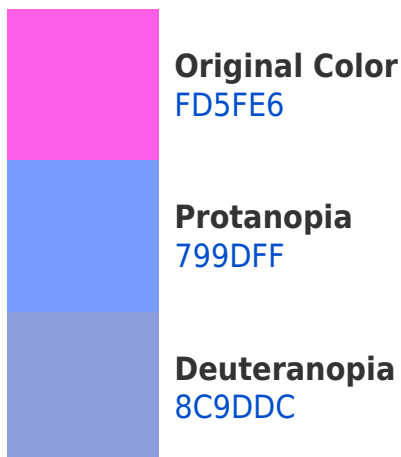



This preview shows how white text looks on a background with the Hex color FD5FE6.

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
F37A83

Trichromacy



Original Color
FD5FE6



Protanomaly
A986F6



Deuteranomaly
B586E0



Tritanomaly
F770A7

Monochromacy



Original Color
FD5FE6



Achromatopsia
9E9E9E



Achromatomaly
C187B8

CSS Examples

Text

The CSS property to change the color of the text to Hex FD5FE6 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 #FD5FE6 looks like.

```
.text, #text, p{  
    color:#FD5FE6  
}
```

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 #FD5FE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD5FE6
}
```

Border

The CSS property to change the border of an element to Hex FD5FE6 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
#FD5FE6 }
```

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

```
.border{ border-color:#FD5FE6 }
```

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

Here you see how a box with a 4 pixel #FD5FE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD5FE6; -webkit-box-shadow:4px 4px  
4px 4px #FD5FE6; box-shadow:4px 4px 4px  
4px #FD5FE6 }
```

Background

The CSS property to change the background color of an element to Hex FD5FE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD5FE6 }
```

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

```
.background{ background-color:#FD5FE6 }
```

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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