

Converting Colors

Hex(FF50DE)

Have a look what the booklet for
Hex(FF50DE) contains.

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Color

Hex(**FF50DE**)

Conversions

Conversions Part 1

Format	Color
Hex	FF50DE
RGB	255, 80, 222
RGB Percent	100%, 31%, 87%
CMY	0.0000, 0.6863, 0.1294
CMYK	0.00, 0.69, 0.13, 0.00
HSL	311°, 100%, 66%
HSV	311°, 69%, 100%
XYZ	57.2935, 32.2712, 72.3165
YIQ	148.5130, 58.7180, 81.2620

Conversions

Conversions Part 2

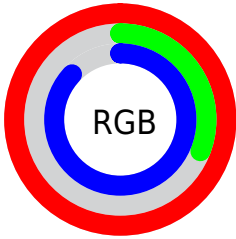
Format	Color
R _Y B	255, 80, 222
Decimal	16732382
CIE Lab	63.57, 79.41, -37.31
CIE LCh	64, 87.740, 334.832
Yxy	32.2712, 0.3539, 0.1994
Android (android.graphics.Color)	4294922462 (0xFFFF50DE)
YUV	148.5130, 36.2291, 93.3891
Hunter-Lab	56.8078, 80.6125, -35.7109

Details

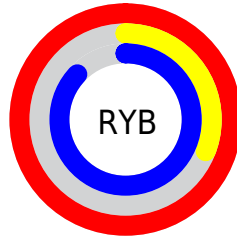
The Hex color **FF50DE** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **50FF71**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF8EFF**, and **C200A6** is the 20% darker color. If you saturate the color by 10%, you get **FF37D9**, and if you desaturate by 10%, it is **FF6AE3**.

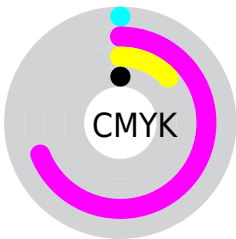
Distribution



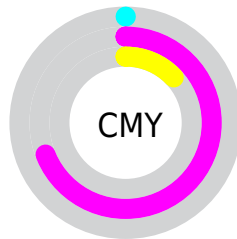
- Red (100%)
- Green (31%)
- Blue (87%)



- Red (100%)
- Yellow (31%)
- Blue (87%)



- Cyan (0%)
- Magenta (69%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF50DE 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 FF50DE by changing the saturation by 10% instead.

 FF50DE

 FF50DE

FFFFFF

 E02BC2

 FF8EFF

 C200A6

 FFABFF

 A5008C

 FFC9FF

 870072

 FFE7FF

 6B0059

 4F0041

 33002A

 0C0014

 000000

■ FF50DE

■ FF50DE

■ FF37D9

■ FF6AE3

■ FF1DD4

■ FF83E8

■ FF04D0

■ FF9DEC

■ FF00CF

■ FFB6F1

■ FFD0F6

■ FFE9FB

FFFFFF

Harmonies

Analogous

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



A67EFF



FF50DE



FF3191

Triad

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



FF50DE



AF9B00



00BBF2

Complementary

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



FF50DE



50FF71

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.



00BBA5



FF50DE



5BAE00

Square

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



FF50DE



ED7C00



00B752



00B3FF

Rectangle

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



FF50DE



FF425E



00B752



00BCDA

Sweetspot

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



FF50DE



FFC9F5



7050FF



806079



000000



808080

Same Dimension

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



FF50DE



FF2ED8



FF5087



80737D



BF009B



400034

Inverse Universe

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



FF50DE



FF2ED8



50FFC8



80737D



BF009B



400034

Previews

White Background



This preview shows how the Hex color FF50DE looks on a white background.

Color Contrast Check

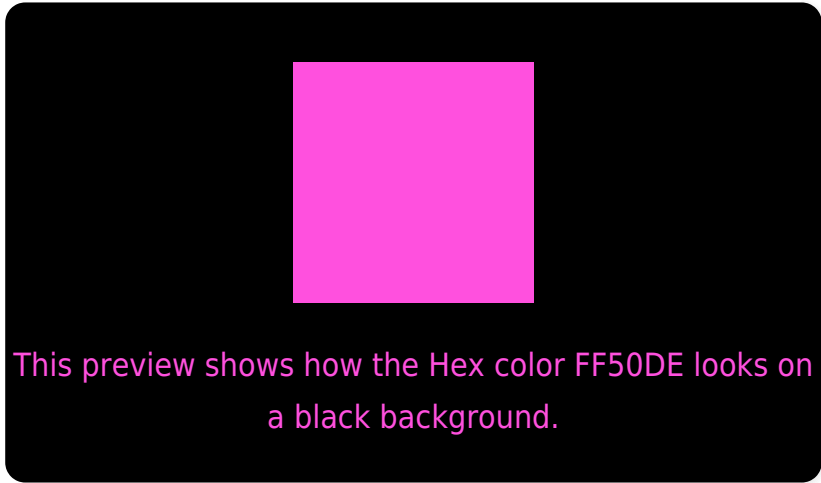
Large Text (above 18pt) WCAG AA × Fail

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 FF50DE Background



This preview shows how black text looks on a background with the Hex color FF50DE.



This preview shows how white text looks on a background with the Hex color FF50DE.

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
F56F77

Trichromacy



Original Color
FF50DE



Protanomaly
A37DF3



Deuteranomaly
B37ED7



Tritanomaly
F9649C

Monochromacy



Original Color
FF50DE



Achromatopsia
959595



Achromatomaly
BC7CB0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF50DE 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 #FF50DE looks like.

```
.text, #text, p{  
    color:#FF50DE  
}
```

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 #FF50DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF50DE
}
```

Border

The CSS property to change the border of an element to Hex FF50DE 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
#FF50DE }
```

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

```
.border{ border-color:#FF50DE }
```

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

Here you see how a box with a 4 pixel #FF50DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF50DE; -webkit-box-shadow:4px 4px  
4px 4px #FF50DE; box-shadow:4px 4px 4px  
4px #FF50DE }
```

Background

The CSS property to change the background color of an element to Hex FF50DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF50DE }
```

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

```
.background{ background-color:#FF50DE }
```

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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