

Converting Colors

Hex(F53DC7)

Have a look what the booklet for
Hex(F53DC7) contains.

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Color

Hex(F53DC7)

Conversions

Conversions Part 1

Format	Color
Hex	F53DC7
RGB	245, 61, 199
RGB Percent	96%, 24%, 78%
CMY	0.0392, 0.7608, 0.2196
CMYK	0.00, 0.75, 0.19, 0.04
HSL	315°, 90%, 60%
HSV	315°, 75%, 96%
XYZ	49.6337, 26.8735, 56.6039
YIQ	131.7480, 65.3660, 81.9260

Conversions

Conversions Part 2

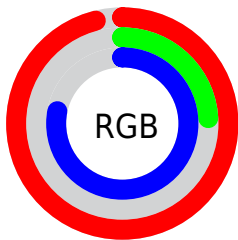
Format	Color
R _Y B	245, 61, 199
Decimal	16072135
CIE Lab	58.86, 79.98, -31.75
CIE LCh	59, 86.051, 338.348
Yxy	26.8735, 0.3729, 0.2019
Android (android.graphics.Color)	4294262215 (0xFFF53DC7)
YUV	131.7480, 33.1552, 99.3220
Hunter-Lab	51.8396, 80.1850, -28.4513

Details

The Hex color **F53DC7** 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 **3DF56B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF7EFF**, and **B80091** is the 20% darker color. If you saturate the color by 10%, you get **F524C1**, and if you desaturate by 10%, it is **F556CD**.

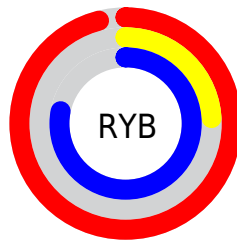
Distribution



Red (96%)

Green (24%)

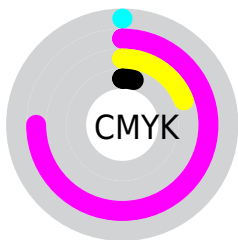
Blue (78%)



Red (96%)

Yellow (24%)

Blue (78%)

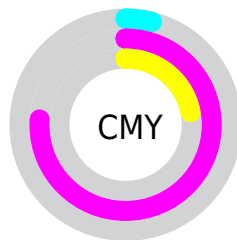


Cyan (0%)

Magenta (75%)

Yellow (19%)

Black (4%)



Cyan (4%)

Magenta (76%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F53DC7 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 F53DC7 by changing the saturation by 10% instead.

 F53DC7

 F53DC7

FFFFFF

 D607AB

 FF7EFF

 B80091

 FF9CFF

 9B0077

 FFBAFF

 7D005E

 FFD8FF

 600046

 FFF6FF

 46002F

 280019

 000000

 F53DC7

 F53DC7

 F524C1

 F556CD

 F50CBB

 F56ED3

 F500B8

 F586D9

 F59FE0

 F5B7E6

 F5D0EC

 F5E9F2

 F5FFF8

 F5FFFE

Harmonies

Analogous

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



A66EFF



F53DC7



FF1F7C

Triad

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



F53DC7



999100



00ADEA

Complementary

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



F53DC7



3DF56B

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.



00AEA2



F53DC7



41A200

Square

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



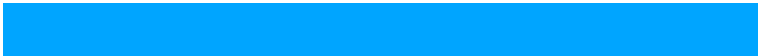
F53DC7



D67500



00AA52



00A5FF

Rectangle

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



F53DC7



FF3A4B



00AA52



00AED4

Sweetspot

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



F53DC7



FFC4F0



6B3DF5



805C77



000000



808080

Same Dimension

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



F53DC7



FF19C6



F53D6B



7A6E77



BA008C



3B002C

Inverse Universe

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



F53DC7



FF19C6



3DF5C7



7A6E77



BA008C



3B002C

Previews

White Background



This preview shows how the Hex color F53DC7 looks on a white background.

Color Contrast Check

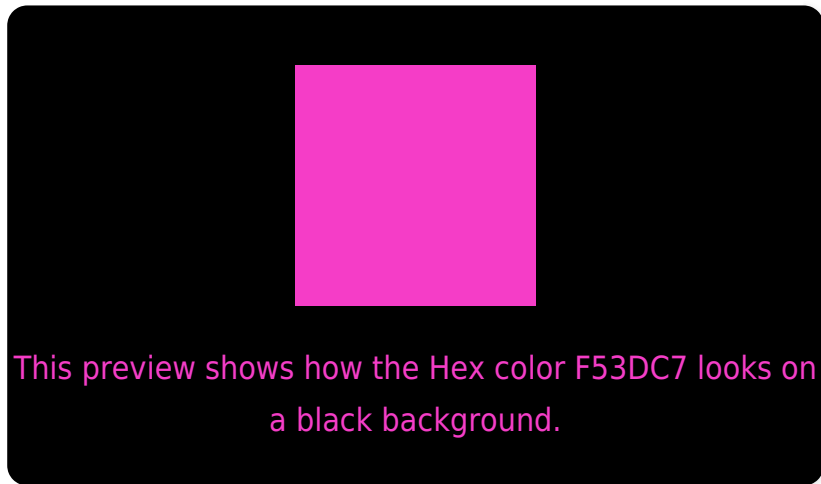
Large Text (above 18pt) WCAG AA ✓ Pass

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 F53DC7 Background



This preview shows how black text looks on a background with the Hex color F53DC7.

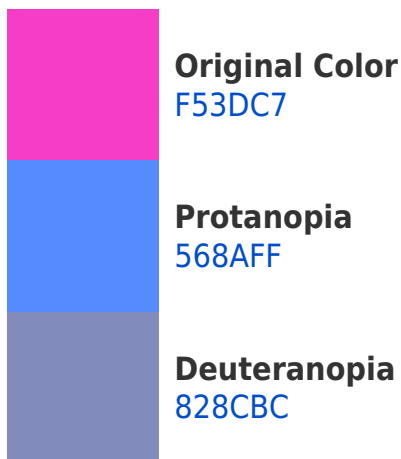


This preview shows how white text looks on a background with the Hex color F53DC7.

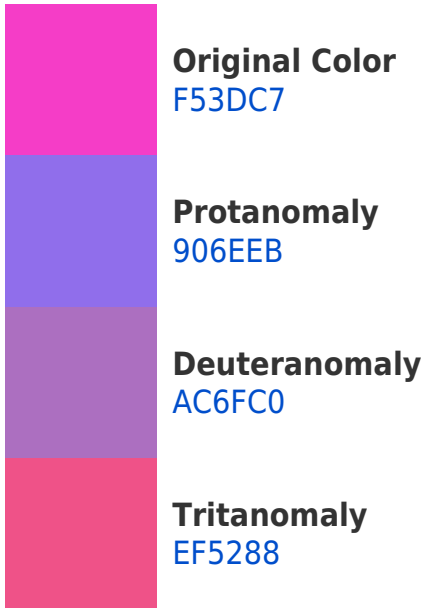
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F53DC7 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 #F53DC7 looks like.

```
.text, #text, p{  
  color:#F53DC7  
}
```

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 #F53DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53DC7
}
```

Border

The CSS property to change the border of an element to Hex F53DC7 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
#F53DC7 }
```

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

```
.border{ border-color:#F53DC7 }
```

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

Here you see how a box with a 4 pixel #F53DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53DC7; -webkit-box-shadow:4px 4px  
4px 4px #F53DC7; box-shadow:4px 4px 4px  
4px #F53DC7 }
```

Background

The CSS property to change the background color of an element to Hex F53DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53DC7 }
```

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

```
.background{ background-color:#F53DC7 }
```

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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