

Converting Colors

Hex(F53DF3)

Have a look what the booklet for
Hex(F53DF3) contains.

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Color

Hex(F53DF3)

Conversions

Conversions Part 1

Format	Color
Hex	F53DF3
RGB	245, 61, 243
RGB Percent	96%, 24%, 95%
CMY	0.0392, 0.7608, 0.0471
CMYK	0.00, 0.75, 0.01, 0.04
HSL	301°, 90%, 60%
HSV	301°, 75%, 96%
XYZ	55.5026, 29.2210, 87.5089
YIQ	136.7640, 51.2420, 95.6100

Conversions

Conversions Part 2

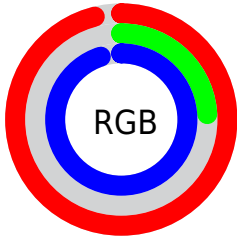
Format	Color
R _Y B	245, 61, 243
Decimal	16072179
CIE Lab	60.98, 86.13, -53.23
CIE LCh	61, 101.250, 328.282
Yxy	29.2210, 0.3223, 0.1697
Android (android.graphics.Color)	4294262259 (0xFFFF53DF3)
YUV	136.7640, 52.3743, 94.9230
Hunter-Lab	54.0565, 88.6764, -58.1416

Details

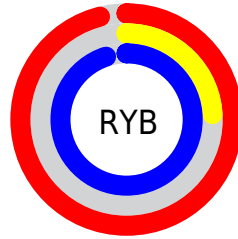
The Hex color **F53DF3** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3DF53F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF7FFF**, and **B800BA** is the 20% darker color. If you saturate the color by 10%, you get **F524F3**, and if you desaturate by 10%, it is **F556F3**.

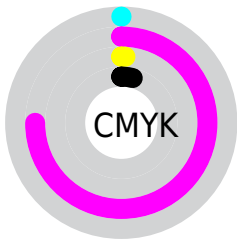
Distribution



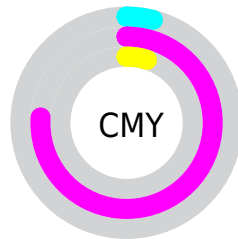
- Red (96%)
- Green (24%)
- Blue (95%)



- Red (96%)
- Yellow (24%)
- Blue (95%)



- Cyan (0%)
- Magenta (75%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (76%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color F53DF3 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 F53DF3 by changing the saturation by 10% instead.

 F53DF3

FFFFFF

 FF7FFF

 FF9EFF

 FFBCFF

 FFDAFF

 FFF9FF

 F53DF3

 D601D6

 B800BA

 9B009F

 7D0084

 60006A

 450051

 260039

 000022

 000008

 F53DF3

 F53DF3

 F524F3

 F556F3

 F50CF2

 F56EF4

 F500F2

 F586F4

 F59FF4

 F5B7F4

 F5D0F5

 F5E9F5

 F5FFF5

Harmonies

Analogous

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



6F7DFF



F53DF3



FF009C

Triad

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



F53DF3



B78E00



00B7E6

Complementary

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



F53DF3



3DF53F

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.



00B68B



F53DF3



5DA600

Square

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



F53DF3



F96400



00B125



00B3FF

Rectangle

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



F53DF3



FF0062



00B125



00B8C9

Sweetspot

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



F53DF3



FFC4FE



3D3DF5



805C7F



000000



808080

Same Dimension

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



F53DF3



FF19FD



F53D99



7A6E7A



BA00B8



3B003A

Inverse Universe

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



F53DF3



FF19FD



3DF599



7A6E7A



BA00B8



3B003A

Previews

White Background



This preview shows how the Hex color F53DF3 looks on a white background.

Color Contrast Check

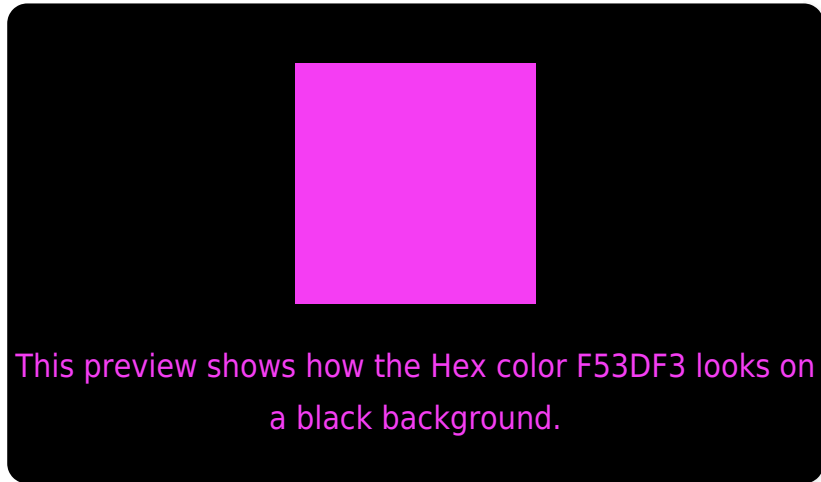
Large Text (above 18pt) WCAG AA ✓ Pass

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

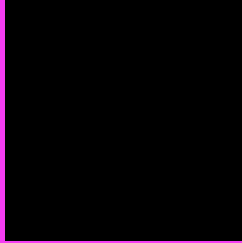
Any Text WCAG AA ✓ Pass

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 F53DF3 Background



This preview shows how black text looks on a background with the Hex color F53DF3.

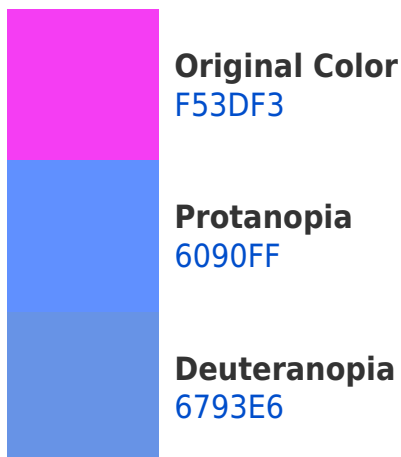



This preview shows how white text looks on a background with the Hex color F53DF3.

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
E76C74

Trichromacy



Original Color
F53DF3



Protanomaly
9672FB



Deuteranomaly
9B74EB



Tritanomaly
EC5BA2

Monochromacy



Original Color
F53DF3



Achromatopsia
898989



Achromatomaly
B06DB0

CSS Examples

Text

The CSS property to change the color of the text to Hex F53DF3 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 #F53DF3 looks like.

```
.text, #text, p{  
    color:#F53DF3  
}
```

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 #F53DF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F53DF3
}
```

Border

The CSS property to change the border of an element to Hex F53DF3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

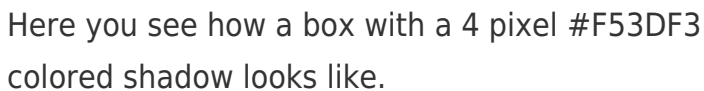
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F53DF3 }
```

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

```
.border{ border-color:#F53DF3 }
```

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



Here you see how a box with a 4 pixel #F53DF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F53DF3; -webkit-box-shadow:4px 4px  
4px 4px #F53DF3; box-shadow:4px 4px 4px  
4px #F53DF3 }
```

Background

The CSS property to change the background color of an element to Hex F53DF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F53DF3 }
```

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

```
.background{ background-color:#F53DF3 }
```

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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