

Converting Colors

Hex(F50053)

Have a look what the booklet for
Hex(F50053) contains.

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Color

Hex(F50053)

Conversions

Conversions Part 1

Format	Color
Hex	F50053
RGB	245, 0, 83
RGB Percent	96%, 0%, 33%
CMY	0.0392, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.66, 0.04
HSL	340°, 100%, 48%
HSV	340°, 100%, 96%
XYZ	39.2175, 20.0370, 9.9841
YIQ	82.7170, 119.3770, 77.7530

Conversions

Conversions Part 2

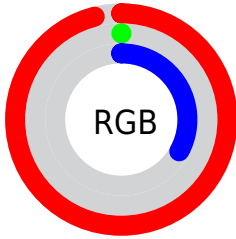
Format	Color
RYB	245, 0, 83
Decimal	16056403
CIELab	51.88, 79.65, 26.85
CIELCh	52, 84.055, 18.625
Yxy	20.0370, 0.5664, 0.2894
Android (android.graphics.Color)	4294246483 (0xFFFF50053)
YUV	82.7170, 0.1395, 142.3222
Hunter-Lab	44.7627, 78.0527, 18.1095

Details

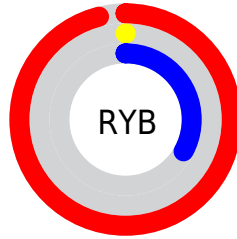
The Hex color **F50053** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **00F5A2**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF6084**, and **B40027** is the 20% darker color. If you saturate the color by 10%, you get **F50053**, and if you desaturate by 10%, it is **F51863**.

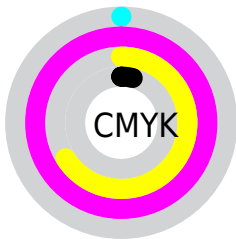
Distribution



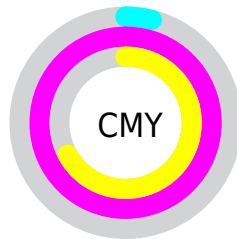
- Red (96%)
- Green (0%)
- Blue (33%)



- Red (96%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color F50053 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 F50053 by changing the saturation by 10% instead.

 F50053

 F50053

FFFFFF

 D4003C

 FF6084

 B40027

 FF7F9E

 940014

 FF9EB9

 740002

 FFBCD4

 550004

 FFDAF1

 350002

 FFF9FF

 040000

 000000

 F50053

 F51863

 F53173

 F54A84

 F56294

 F57BA4

 F593B4

 F5ABC4

 F5C4D5

 F5DDE5

Harmonies

Analogous

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



EB039A



F50053



DD4900

Triad

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



F50053



009200



008DFF

Complementary

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



F50053



00F5A2

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.



0097E8



F50053



00985D

Square

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



F50053



6C8600



009AA8



0075FF

Rectangle

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



F50053



BF6400



009AA8



0092FF

Sweetspot

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



F50053



FFB3CC



9F00F5



805261



000000



808080

Same Dimension

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



F50053



FF0056



F52500



7A6E72



BA003F



3B0014

Inverse Universe

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



F50053



FF0056



00D0F5



7A6E72



BA003F



3B0014

Previews

White Background



This preview shows how the Hex color F50053 looks on a white background.

Color Contrast Check

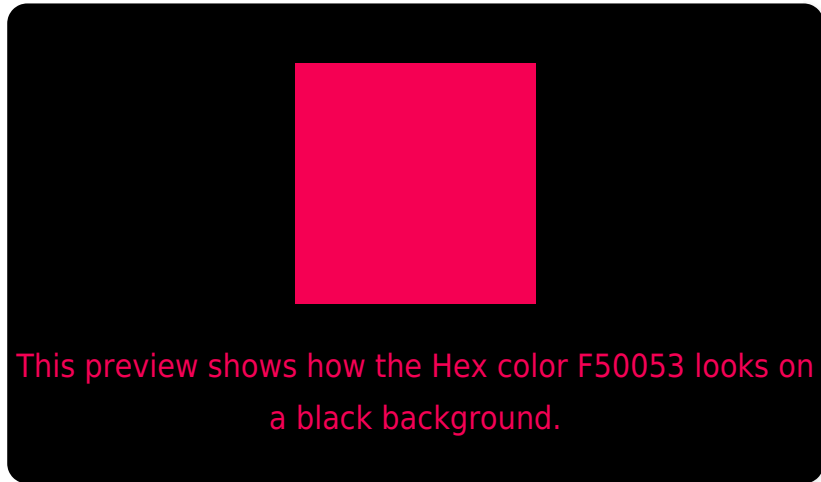
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50053 Background



This preview shows how black text looks on a background with the Hex color F50053.

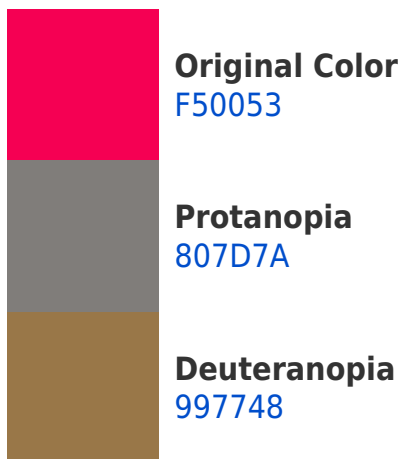


This preview shows how white text looks on a background with the Hex color F50053.

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
F4221D

Trichromacy



Original Color
F50053



Protanomaly
AB506C



Deuteranomaly
BA4C4C



Tritanomaly
F41631

Monochromacy



Original Color
F50053



Achromatopsia
535353



Achromatomaly
8E3553

CSS Examples

Text

The CSS property to change the color of the text to Hex F50053 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 #F50053 looks like.

```
.text, #text, p{  
    color:#F50053  
}
```

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 #F50053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50053
}
```

Border

The CSS property to change the border of an element to Hex F50053 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".

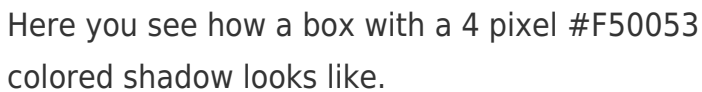
```
.border, #border, table{ border:4px solid
#F50053 }
```

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

```
.border{ border-color:#F50053 }
```

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

Here you see how a box with a 4 pixel #F50053 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50053; -webkit-box-shadow:4px 4px  
4px 4px #F50053; box-shadow:4px 4px 4px  
4px #F50053 }
```

Background

The CSS property to change the background color of an element to Hex F50053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50053 }
```

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

```
.background{ background-color:#F50053 }
```

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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