

# Converting Colors

Hex(F50052)

Have a look what the booklet for  
Hex(F50052) contains.

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**Color**

**Hex(F50052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F50052
RGB	245, 0, 82
RGB Percent	96%, 0%, 32%
CMY	0.0392, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.67, 0.04
HSL	340°, 100%, 48%
HSV	340°, 100%, 96%
XYZ	39.1792, 20.0217, 9.7822
YIQ	82.6030, 119.6980, 77.4420

# Conversions

## Conversions Part 2

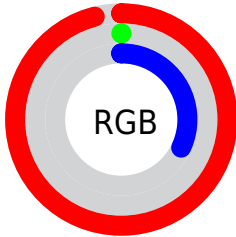
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 0, 82
Decimal	16056402
CIE Lab	51.86, 79.61, 27.43
CIE LCh	52, 84.199, 19.011
Yxy	20.0217, 0.5680, 0.2902
Android (android.graphics.Color)	4294246482 (0xFFFF50052)
YUV	82.6030, -0.2973, 142.4222
Hunter-Lab	44.7456, 77.9896, 18.3600

# Details

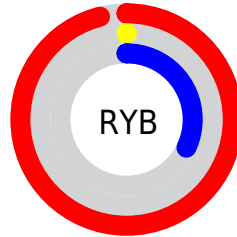
The Hex color **F50052** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **00F5A3**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF6083**, and **B40026** is the 20% darker color. If you saturate the color by 10%, you get **F50052**, and if you desaturate by 10%, it is **F51862**.

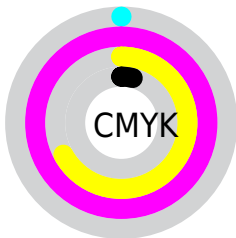
# Distribution



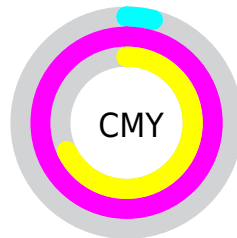
- Red (96%)
- Green (0%)
- Blue (32%)



- Red (96%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F50052 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 F50052 by changing the saturation by 10% instead.



 F50052

 F50052

FFFFFF

 D4003B

 FF6083

 B40026

 FF7F9D

 940013

 FF9EB8

 740002

 FFBCD3

 550004

 FFDAF0

 350002

 FFF9FF

 040000

 000000

 F50052

 F51862

 F53173

 F54A83

 F56293

 F57BA3

 F593B4

 F5ABC4

 F5C4D4

 F5DDE5

# Harmonies

## Analogous

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



EB0099



F50052



DC4900

# Triad

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



F50052



009200



008DFF

# Complementary

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



F50052



00F5A3

# 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.



0097E9



F50052



00985E

# Square

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



F50052



6B8600



009AA9



0075FF

# Rectangle

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



F50052



BE6400



009AA9



0091FF



# Sweetspot

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



F50052



FFB3CC



9F00F5



805261



000000



808080



# Same Dimension

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



F50052



FF0055



F52500



7A6E72



BA003E



3B0014



# Inverse Universe

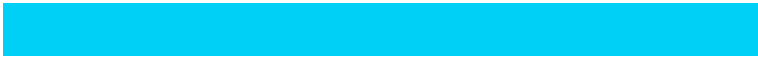
The Inverse Universe completely reimagines the original color for something new.



F50052



FF0055



00D0F5



7A6E72



BA003E



3B0014



# Previews

## White Background



This preview shows how the Hex color F50052 looks on a white background.

## Color Contrast Check

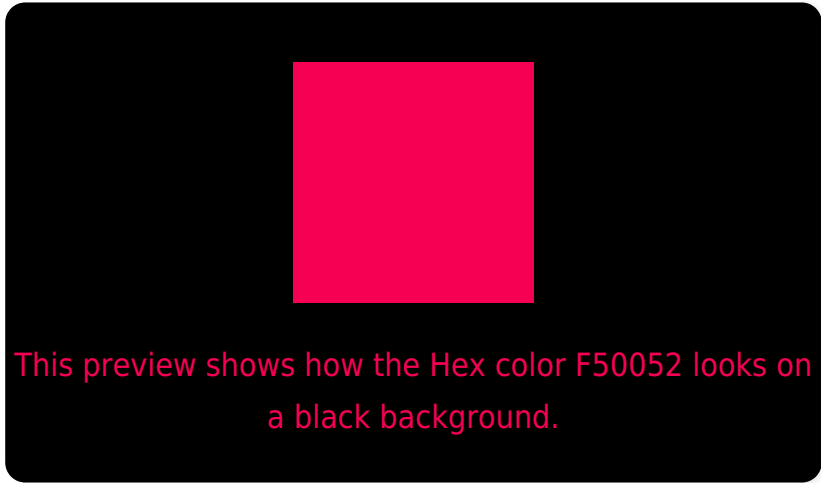
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50052 Background



This preview shows how black text looks on a background with the Hex color F50052.



This preview shows how white text looks on a background with the Hex color F50052.

# 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



**Original Color**  
F50052

**Protanopia**  
807D79

**Deuteranopia**  
997747



**Tritanopia**  
F4211D

# Trichromacy



**Original Color**  
F50052



**Protanomaly**  
AB506B



**Deuteranomaly**  
BA4C4B



**Tritanomaly**  
F41530

# Monochromacy



**Original Color**  
F50052



**Achromatopsia**  
535353



**Achromatomaly**  
8E3553

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F50052 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 #F50052 looks like.

```
.text, #text, p{  
    color:#F50052  
}
```

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 #F50052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50052
}
```

## Border

The CSS property to change the border of an element to Hex F50052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

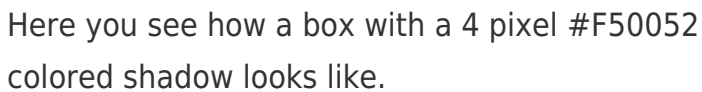
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F50052 }
```

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

```
.border{ border-color:#F50052 }
```

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



Here you see how a box with a 4 pixel #F50052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50052; -webkit-box-shadow:4px 4px  
4px 4px #F50052; box-shadow:4px 4px 4px  
4px #F50052 }
```

# Background

The CSS property to change the background color of an element to Hex F50052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50052 }
```

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

```
.background{ background-color:#F50052 }
```

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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