

Converting Colors

Hex(F50432)

Have a look what the booklet for
Hex(F50432) contains.

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Color

Hex(F50432)

Conversions

Conversions Part 1

Format	Color
Hex	F50432
RGB	245, 4, 50
RGB Percent	96%, 2%, 20%
CMY	0.0392, 0.9843, 0.8039
CMYK	0.00, 0.98, 0.80, 0.04
HSL	349°, 97%, 49%
HSV	349°, 98%, 96%
XYZ	38.2753, 19.7296, 4.8085
YIQ	81.3030, 128.8700, 65.3980

Conversions

Conversions Part 2

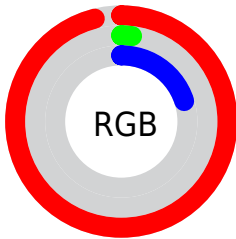
Format	Color
RYB	245, 4, 50
Decimal	16057394
CIELab	51.53, 78.15, 45.74
CIELCh	52, 90.552, 30.338
Yxy	19.7296, 0.6093, 0.3141
Android (android.graphics.Color)	4294247474 (0xFFFF50432)
YUV	81.3030, -15.4324, 143.5623
Hunter-Lab	44.4180, 76.0832, 24.6742

Details

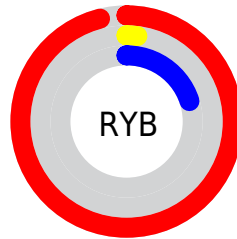
The Hex color **F50432** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **04F5C7**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF6061**, and **B30006** is the 20% darker color. If you saturate the color by 10%, you get **F5002F**, and if you desaturate by 10%, it is **F51D46**.

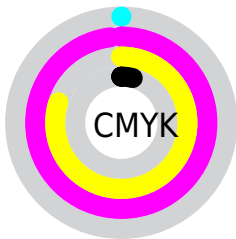
Distribution



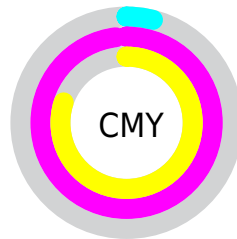
- Red (96%)
- Green (2%)
- Blue (20%)



- Red (96%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (98%)
- Yellow (80%)
- Black (4%)



- Cyan (4%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F50432 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 F50432 by changing the saturation by 10% instead.

 F50432

 F50432

FFFFFF

 D4001C

 FF6061

 B30006

 FF7F7A

 920000

 FF9D94

 720002

 FFBBAF

 530004

 FFDACA

 330002

 FFF8E7

 000000

 F50432

 F50432

 F5002F

 F51D46

 F5355A

 F54E6D

 F56681

 F57F95

 F597A9

 F5B0BD

 F5C8D1

 F5E1E4

Harmonies

Analogous

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



FB007E



F50432



CF5500

Triad

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



F50432



009523



0086FF

Complementary

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



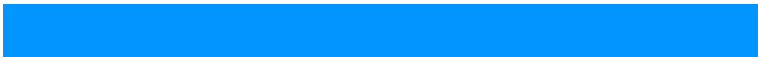
F50432



04F5C7

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.



0095FF



F50432



00997A

Square

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



F50432



438C00



009AC8



6865FF

Rectangle

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



F50432



AB6F00



009AC8



008DFF

Sweetspot

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



F50432



FFB3C1



C504F5



80525A



000000



808080

Same Dimension

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



F50432



FF0031



F54C04



7A6E70



BA0024



3B000B

Inverse Universe

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



F50432



FF0031



04ADF5



7A6E70



BA0024



3B000B

Previews

White Background



This preview shows how the Hex color F50432 looks on a white background.

Color Contrast Check

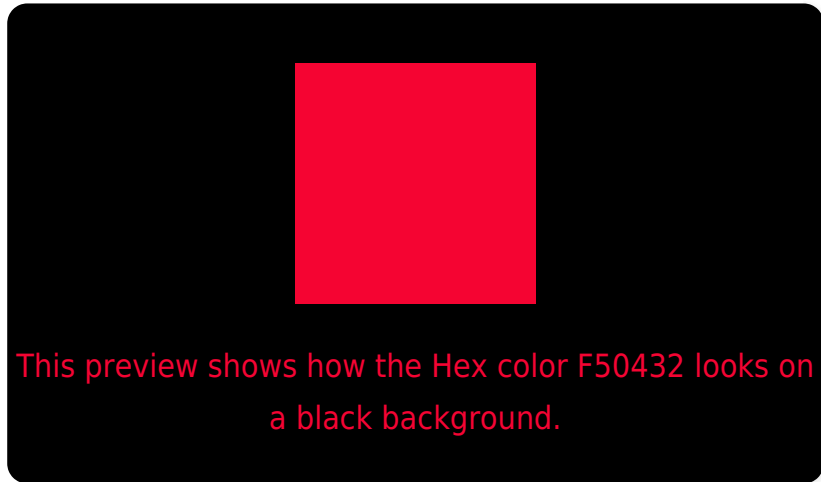
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50432 Background



This preview shows how black text looks on a background with the Hex color F50432.



This preview shows how white text looks on a background with the Hex color F50432.

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
F50432

Protanopia
877C4D

Deuteranopia
9C7620



Tritanopia
F41502

Trichromacy



Original Color
F50432



Protanomaly
AF5043



Deuteranomaly
BC4D27



Tritanomaly
F40F13

Monochromacy



Original Color
F50432



Achromatopsia
515151



Achromatomaly
8D3546

CSS Examples

Text

The CSS property to change the color of the text to Hex F50432 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 #F50432 looks like.

```
.text, #text, p{  
    color:#F50432  
}
```

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 #F50432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50432
}
```

Border

The CSS property to change the border of an element to Hex F50432 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".

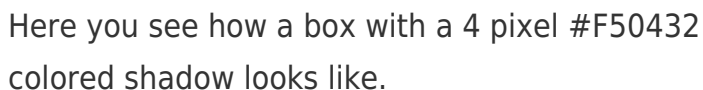
```
.border, #border, table{ border:4px solid
#F50432 }
```

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

```
.border{ border-color:#F50432 }
```

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

Here you see how a box with a 4 pixel #F50432 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50432; -webkit-box-shadow:4px 4px  
4px 4px #F50432; box-shadow:4px 4px 4px  
4px #F50432 }
```

Background

The CSS property to change the background color of an element to Hex F50432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50432 }
```

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

```
.background{ background-color:#F50432 }
```

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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