

Converting Colors

Hex(FB005E)

Have a look what the booklet for
Hex(FB005E) contains.

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Color

Hex(FB005E)

Conversions

Conversions Part 1

Format	Color
Hex	FB005E
RGB	251, 0, 94
RGB Percent	98%, 0%, 37%
CMY	0.0157, 1.0000, 0.6314
CMYK	0.00, 1.00, 0.63, 0.02
HSL	338°, 100%, 49%
HSV	338°, 100%, 98%
XYZ	41.8040, 21.3174, 12.5010
YIQ	85.7650, 119.4220, 82.4460

Conversions

Conversions Part 2

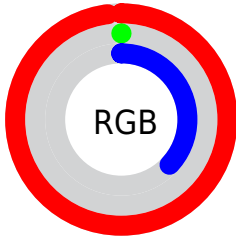
Format	Color
RYB	251, 0, 94
Decimal	16449630
CIELab	53.30, 81.56, 22.27
CIELCh	53, 84.544, 15.272
Yxy	21.3174, 0.5528, 0.2819
Android (android.graphics.Color)	4294639710 (0xFFFB005E)
YUV	85.7650, 4.0599, 144.9111
Hunter-Lab	46.1708, 80.8191, 16.2664

Details

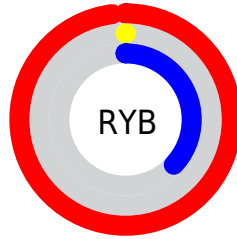
The Hex color **FB005E** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **00FB9D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6290**, and **BA0031** is the 20% darker color. If you saturate the color by 10%, you get **FB005E**, and if you desaturate by 10%, it is **FB196E**.

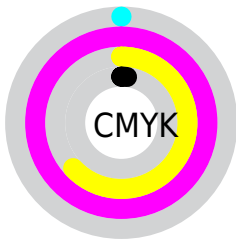
Distribution



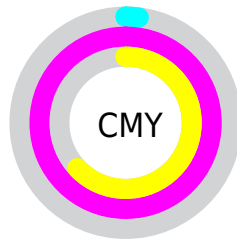
- Red (98%)
- Green (0%)
- Blue (37%)



- Red (98%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB005E 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 FB005E by changing the saturation by 10% instead.

 FB005E

 FB005E

FFFFFF

 DA0047

 FF6290

 BA0031

 FF81AA

 9A001D

 FFA0C5

 7A0003

 FFBEE1

 5B0004

 FFDDFE

 3B0003

 FFFCFF

 150000

 000000

 FB005E

 FB196E

 FB327D

 FB4B8D

 FB649D

 FB7EAD

 FB97BC

 FBB0CC

 FBC9DC

 FBE2EB

Harmonies

Analogous

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



EC19A6



FB005E



E64712

Triad

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



FB005E



009500



0092FF

Complementary

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



FB005E



00FB9D

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.



009CE6



FB005E



009B57

Square

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



FB005E



788800



009EA4



007CFF

Rectangle

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



FB005E



C96300



009EA4



0097FF

Sweetspot

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



FB005E



FFB3CF



9B00FB



805263



000000



808080

Same Dimension

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



FB005E



FF005F



FB1D00



7D7075



BD0047



3D0017

Inverse Universe

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



FB005E



FF005F



00DEFB



7D7075



BD0047



3D0017

Previews

White Background



This preview shows how the Hex color FB005E looks on a white background.

Color Contrast Check

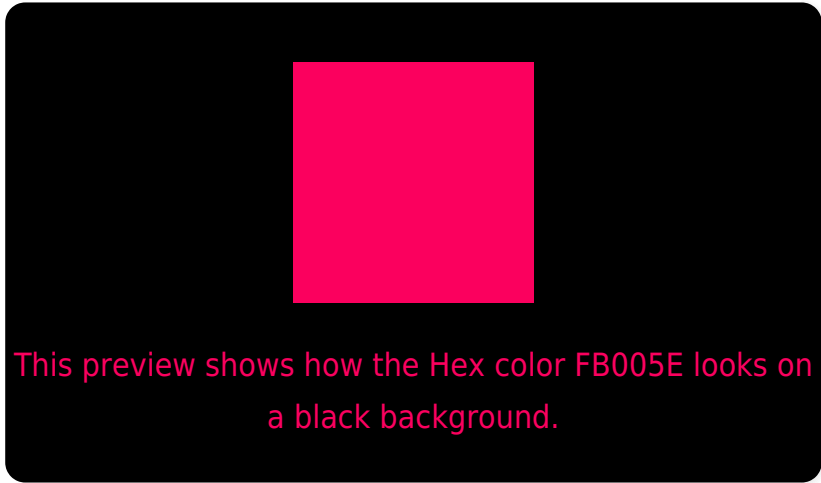
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB005E Background



This preview shows how black text looks on a background with the Hex color FB005E.

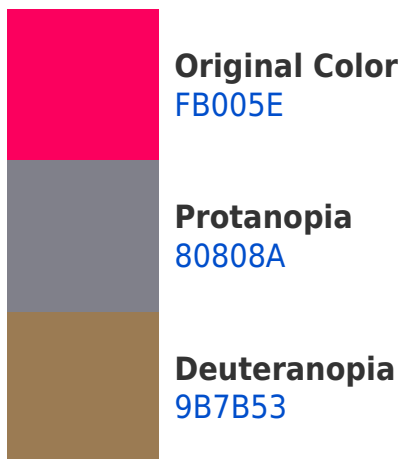


This preview shows how white text looks on a background with the Hex color FB005E.

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
F92623

Trichromacy



Original Color
FB005E



Protanomaly
AD517A



Deuteranomaly
BE4E57



Tritanomaly
FA1838

Monochromacy



Original Color
FB005E



Achromatopsia
565656



Achromatomaly
923759

CSS Examples

Text

The CSS property to change the color of the text to Hex FB005E 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 #FB005E looks like.

```
.text, #text, p{  
    color:#FB005E  
}
```

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 #FB005E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB005E
}
```

Border

The CSS property to change the border of an element to Hex FB005E 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".

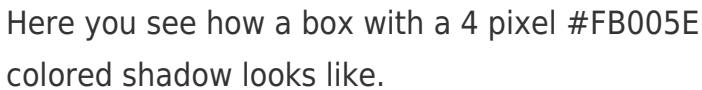
```
.border, #border, table{ border:4px solid
#FB005E }
```

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

```
.border{ border-color:#FB005E }
```

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

Here you see how a box with a 4 pixel #FB005E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB005E; -webkit-box-shadow:4px 4px  
4px 4px #FB005E; box-shadow:4px 4px 4px  
4px #FB005E }
```

Background

The CSS property to change the background color of an element to Hex FB005E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB005E }
```

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

```
.background{ background-color:#FB005E }
```

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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