

Converting Colors

Hex(F80053)

Have a look what the booklet for
Hex(F80053) contains.

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Color

Hex(F80053)

Conversions

Conversions Part 1

Format	Color
Hex	F80053
RGB	248, 0, 83
RGB Percent	97%, 0%, 33%
CMY	0.0275, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.67, 0.03
HSL	340°, 100%, 49%
HSV	340°, 100%, 97%
XYZ	40.2727, 20.5810, 10.0335
YIQ	83.6140, 121.1650, 78.3890

Conversions

Conversions Part 2

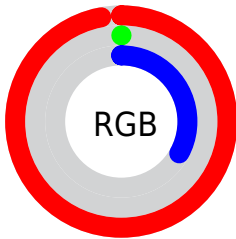
Format	Color
R_{YB}	248, 0, 83
Decimal	16253011
CIE _{Lab}	52.49, 80.34, 27.75
CIE _{LCh}	52, 84.994, 19.053
Yxy	20.5810, 0.5681, 0.2903
Android (android.graphics.Color)	4294443091 (0xFFFF80053)
YUV	83.6140, -0.3027, 144.1665
Hunter-Lab	45.3663, 79.0677, 18.6434

Details

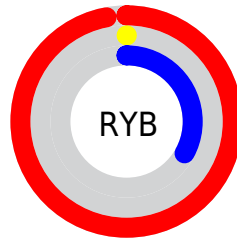
The Hex color **F80053** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **00F8A5**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6184**, and **B70027** is the 20% darker color. If you saturate the color by 10%, you get **F80053**, and if you desaturate by 10%, it is **F81964**.

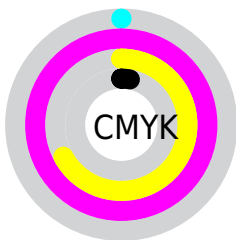
Distribution



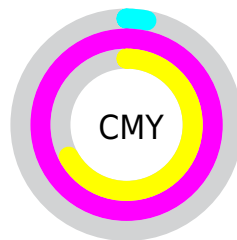
- Red (97%)
- Green (0%)
- Blue (33%)



- Red (97%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color F80053 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 F80053 by changing the saturation by 10% instead.

 F80053

 F80053

FFFFFF

 D7003C

 FF6184

 B70027

 FF809E

 970014

 FF9FB9

 770002

 FFBDD4

 580004

 FFDBF1

 380002

 FFFAFF

 0C0000

 000000

 F80053

 F81964

 F83274

 F84A85

 F86395

 F87CA6

 F895B6

 F8AEC7

 F8C6D7

 F8DFE8

Harmonies

Analogous

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



EE009B



F80053



DF4A00

Triad

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



F80053



009400



008EFF

Complementary

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



F80053



00F8A5

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.



0099EC



F80053



009A5F

Square

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



F80053



6D8800



009CAB



0076FF

Rectangle

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



F80053



C16600



009CAB



0093FF

Sweetspot

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



F80053



FFB3CC



A100F8



805261



000000



808080

Same Dimension

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



F80053



FF0055



F82500



7D7075



BD003F



3D0014

Inverse Universe

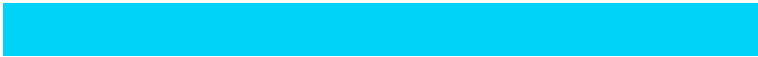
The Inverse Universe completely reimagines the original color for something new.



F80053



FF0055



00D3F8



7D7075



BD003F



3D0014

Previews

White Background



This preview shows how the Hex color F80053 looks on a white background.

Color Contrast Check

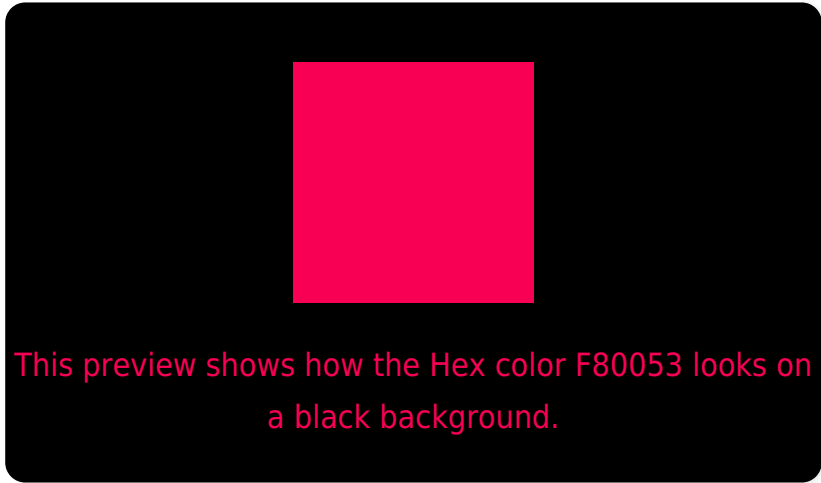
Large Text (above 18pt) WCAG AA ✓ Pass

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 F80053 Background



This preview shows how black text looks on a background with the Hex color F80053.

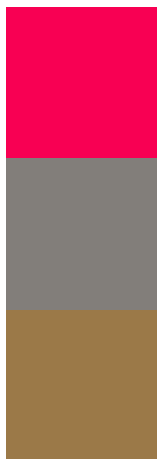


This preview shows how white text looks on a background with the Hex color F80053.

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
F80053

Protanopia
827E7A

Deuteranopia
9B7948



Tritanopia
F7221D

Trichromacy



Original Color
F80053



Protanomaly
AD506C



Deuteranomaly
BD4D4C



Tritanomaly
F71631

Monochromacy



Original Color
F80053



Achromatopsia
545454



Achromatomaly
903554

CSS Examples

Text

The CSS property to change the color of the text to Hex F80053 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 #F80053 looks like.

```
.text, #text, p{  
  color:#F80053  
}
```

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 #F80053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F80053
}
```

Border

The CSS property to change the border of an element to Hex F80053 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
#F80053 }
```

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

```
.border{ border-color:#F80053 }
```

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

Here you see how a box with a 4 pixel #F80053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F80053; -webkit-box-shadow:4px 4px  
4px 4px #F80053; box-shadow:4px 4px 4px  
4px #F80053 }
```

Background

The CSS property to change the background color of an element to Hex F80053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F80053 }
```

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

```
.background{ background-color:#F80053 }
```

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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