

Converting Colors

Hex(FF004D)

Have a look what the booklet for
Hex(FF004D) contains.

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Color

Hex(F004D)

Conversions

Conversions Part 1

Format	Color
Hex	FF004D
RGB	255, 0, 77
RGB Percent	100%, 0%, 30%
CMY	0.0000, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.70, 0.00
HSL	342°, 100%, 50%
HSV	342°, 100%, 100%
XYZ	42.5796, 21.7958, 8.9840
YIQ	85.0230, 127.2630, 78.0070

Conversions

Conversions Part 2

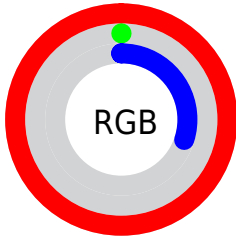
Format	Color
R_{YB}	255, 0, 77
Decimal	16711757
CIE _{Lab}	53.81, 81.68, 33.29
CIE _{LCh}	54, 88.202, 22.176
Yxy	21.7958, 0.5804, 0.2971
Android (android.graphics.Color)	4294901837 (0xFFFF004D)
YUV	85.0230, -3.9553, 149.0698
Hunter-Lab	46.6860, 81.0989, 21.2708

Details

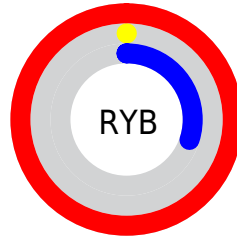
The Hex color **FF004D** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **00FFB2**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF627E**, and **BD0022** is the 20% darker color. If you saturate the color by 10%, you get **FF004D**, and if you desaturate by 10%, it is **FF195F**.

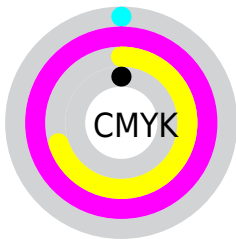
Distribution



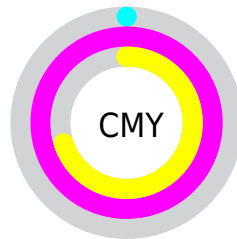
- Red (100%)
- Green (0%)
- Blue (30%)



- Red (100%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF004D 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 FF004D by changing the saturation by 10% instead.

 FF004D

 FF004D

FFFFFF

 DE0037

 FF627E

 BD0022

 FF8297

 9D000E

 FFA0B2

 7C0002

 FFBFCE

 5D0004

 FFDDEA

 3D0003

 FFFCFF

 180001

 000000

 FF004D

 FF195F

 FF3371

 FF4D82

 FF6694

 FF80A6

 FF99B8

 FFB3CA

 FFCCDB

 FFE6ED

Harmonies

Analogous

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



F90098



FF004D



E25000

Triad

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



FF004D



009909



0091FF

Complementary

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



FF004D



00FFB2

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.



009DF9



FF004D



009F69

Square

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



FF004D



668D00



00A0B8



2C76FF

Rectangle

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



FF004D



C16C00



00A0B8



0096FF

Sweetspot

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



FF004D



FFB3CA



AE00FF



80525F



000000



808080

Same Dimension

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



FF004D



FF2F00



807377



BF003A



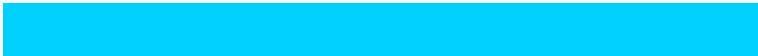
400013

Inverse Universe

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



FF004D



00D0FF



807377



BF003A



400013

Previews

White Background



This preview shows how the Hex color FF004D looks on a white background.

Color Contrast Check

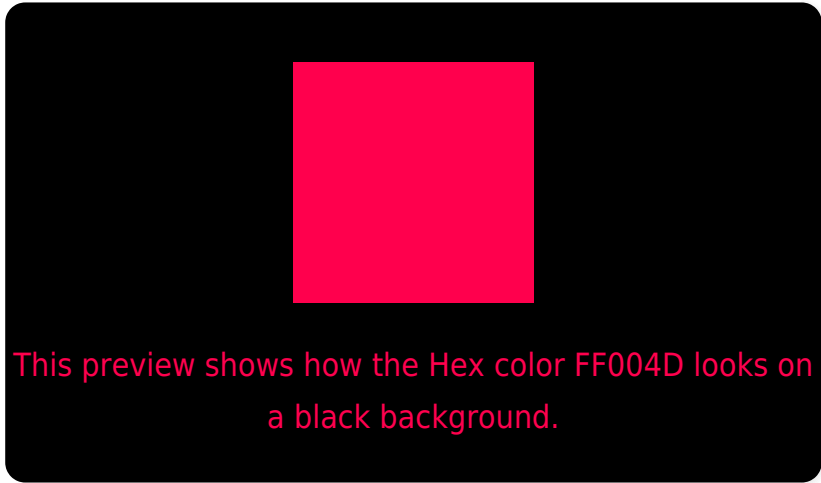
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF004D Background



This preview shows how black text looks on a background with the Hex color FF004D.



This preview shows how white text looks on a background with the Hex color FF004D.

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
FF004D

Protanopia
888272

Deuteranopia
A07C41



Tritanopia
FE1F19

Trichromacy



Original Color
FF004D



Protanomaly
B35365



Deuteranomaly
C34F45



Tritanomaly
FE142C

Monochromacy



Original Color
FF004D



Achromatopsia
555555



Achromatomaly
933652

CSS Examples

Text

The CSS property to change the color of the text to Hex FF004D 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 #FF004D looks like.

```
.text, #text, p{  
    color:#FF004D  
}
```

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 #FF004D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF004D
}
```

Border

The CSS property to change the border of an element to Hex FF004D 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
#FF004D }
```

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

```
.border{ border-color:#FF004D }
```

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

Here you see how a box with a 4 pixel #FF004D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF004D; -webkit-box-shadow:4px 4px  
4px 4px #FF004D; box-shadow:4px 4px 4px  
4px #FF004D }
```

Background

The CSS property to change the background color of an element to Hex FF004D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF004D }
```

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

```
.background{ background-color:#FF004D }
```

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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