

Converting Colors

Hex(F2004C)

Have a look what the booklet for
Hex(F2004C) contains.

Hex(F2004C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F2004C)

Conversions

Conversions Part 1

Format	Color
Hex	F2004C
RGB	242, 0, 76
RGB Percent	95%, 0%, 30%
CMY	0.0510, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.69, 0.05
HSL	341°, 100%, 47%
HSV	341°, 100%, 95%
XYZ	37.9225, 19.3990, 8.5831
YIQ	81.0220, 119.8360, 74.9400

Conversions

Conversions Part 2

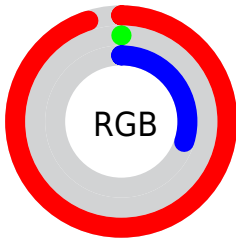
Format	Color
RYB	242, 0, 76
Decimal	15859788
CIELab	51.15, 78.65, 30.02
CIELCh	51, 84.184, 20.893
Yxy	19.3990, 0.5754, 0.2944
Android (android.graphics.Color)	4294049868 (0xFFFF2004C)
YUV	81.0220, -2.4758, 141.1777
Hunter-Lab	44.0444, 76.6120, 19.2769

Details

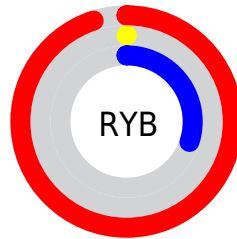
The Hex color **F2004C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **00F2A6**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5F7C**, and **B10021** is the 20% darker color. If you saturate the color by 10%, you get **F2004C**, and if you desaturate by 10%, it is **F2185D**.

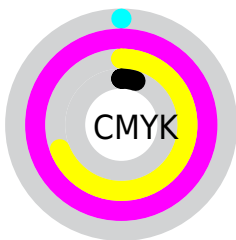
Distribution



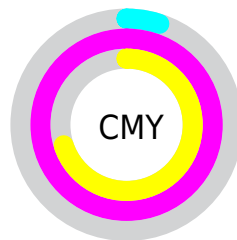
- Red (95%)
- Green (0%)
- Blue (30%)



- Red (95%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2004C 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 F2004C by changing the saturation by 10% instead.

 F2004C

 F2004C


FFFFFF

 D10036

 FF5F7C

 B10021

 FF7E96

 91000C

 FF9DB1

 710002

 FFBBCC

 530004

 FFD9E8

 320002

 FFF8FF

 000000

 F2004C

 F2185D

 F2306D

 F2497E

 F2618E

 F2799F

 F291B0

 F2A9C0

 F2C2D1

 F2DAE1

Harmonies

Analogous

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



EB0093



F2004C



D84A00

Triad

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



F2004C



009102



008AFF

Complementary

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



F2004C



00F2A6

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.



0095EA



F2004C



009661

Square

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



F2004C



648500



0098AC



1371FF

Rectangle

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



F2004C



B96500



0098AC



008FFF

Sweetspot

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



F2004C



FFB3CB



A500F2



805260



000000



808080

Same Dimension

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



F2004C



FF0050



F22C00



786C70



B8003A



380012

Inverse Universe

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



F2004C



FF0050



00C6F2



786C70



B8003A



380012

Previews

White Background



This preview shows how the Hex color F2004C looks on a white background.

Color Contrast Check

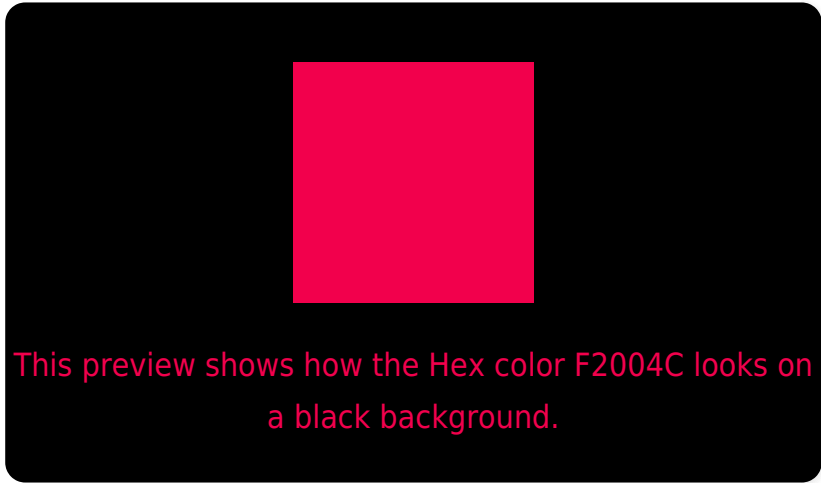
Large Text (above 18pt) WCAG AA ✓ Pass

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 F2004C Background



This preview shows how black text looks on a background with the Hex color F2004C.

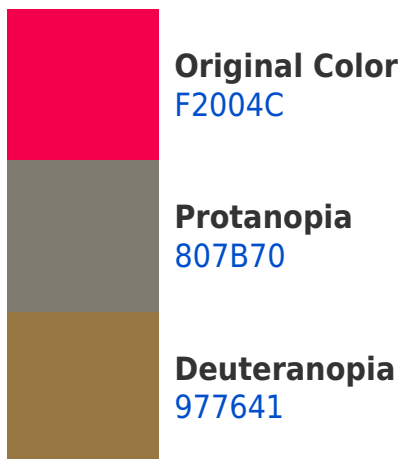


This preview shows how white text looks on a background with the Hex color F2004C.

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
F11F1A

Trichromacy



Original Color
F2004C



Protanomaly
A94E63



Deuteranomaly
B84B45



Tritanomaly
F1142C

Monochromacy



Original Color
F2004C



Achromatopsia
515151



Achromatomaly
8C344F

CSS Examples

Text

The CSS property to change the color of the text to Hex F2004C 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 #F2004C looks like.

```
.text, #text, p{  
    color:#F2004C  
}
```

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 #F2004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2004C
}
```

Border

The CSS property to change the border of an element to Hex F2004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

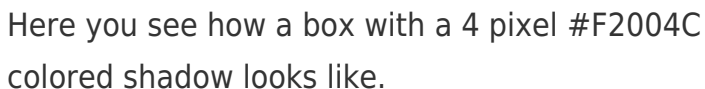
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F2004C }
```

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

```
.border{ border-color:#F2004C }
```

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



Here you see how a box with a 4 pixel `#F2004C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2004C; -webkit-box-shadow:4px 4px  
4px 4px #F2004C; box-shadow:4px 4px 4px  
4px #F2004C }
```

Background

The CSS property to change the background color of an element to Hex F2004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2004C }
```

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

```
.background{ background-color:#F2004C }
```

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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