

Converting Colors

Hex(F0304E)

Have a look what the booklet for
Hex(F0304E) contains.

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Color

Hex(F0304E)

Conversions

Conversions Part 1

Format	Color
Hex	F0304E
RGB	240, 48, 78
RGB Percent	94%, 19%, 31%
CMY	0.0588, 0.8118, 0.6941
CMYK	0.00, 0.80, 0.67, 0.06
HSL	351°, 86%, 56%
HSV	351°, 80%, 94%
XYZ	38.3673, 21.1892, 9.2755
YIQ	108.8280, 104.8020, 50.0340

Conversions

Conversions Part 2

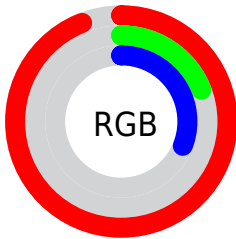
Format	Color
R_{YB}	240, 48, 78
Decimal	15741006
CIE _{Lab}	53.16, 71.44, 31.23
CIE _{LCh}	53, 77.968, 23.615
Yxy	21.1892, 0.5574, 0.3078
Android (android.graphics.Color)	4293931086 (0xFFFF0304E)
YUV	108.8280, -15.1982, 115.0378
Hunter-Lab	46.0318, 68.2234, 20.2752

Details

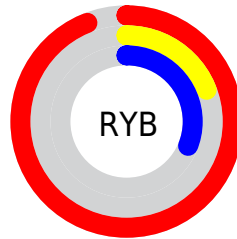
The Hex color **F0304E** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **30F0D2**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF717F**, and **B00022** is the 20% darker color. If you saturate the color by 10%, you get **F0183A**, and if you desaturate by 10%, it is **F04862**.

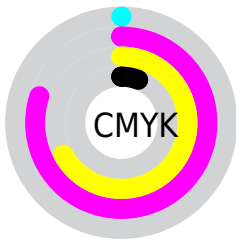
Distribution



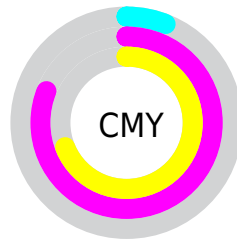
- Red (94%)
- Green (19%)
- Blue (31%)



- Red (94%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (67%)
- Black (6%)



- Cyan (6%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0304E 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 F0304E by changing the saturation by 10% instead.

 F0304E

 F0304E

FFFFFF

 D00037

 FF717F

 B00022

 FF8E99

 90000E

 FFACB4

 710000

 FFCACF

 520003

 FFE7EB

 330002

 000000

 F0304E

 F0304E

 F0183A

 F04862

 F00025

 F06076

 F0788B

 F0909F

 F0A8B3

 F0C0C7

 F0D8DC

 F0F0F0

 F0FFFF

Harmonies

Analogous

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



EC2690



F0304E



D55800

Triad

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



F0304E



009625



008CFF

Complementary

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



F0304E



30F0D2

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.



0098EB



F0304E



009B6E

Square

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



F0304E



678B00



009CB3



5274FC

Rectangle

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



F0304E



B76E00



009CB3



0091FF

Sweetspot

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



F0304E



FFC2CB



D030F0



805B60



000000



808080

Same Dimension

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



F0304E



FF0A30



F07030



786C6E



B8001D



380009

Inverse Universe

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



F0304E



FF0A30



30B0F0



786C6E



B8001D



380009

Previews

White Background



This preview shows how the Hex color F0304E looks on a white background.

Color Contrast Check

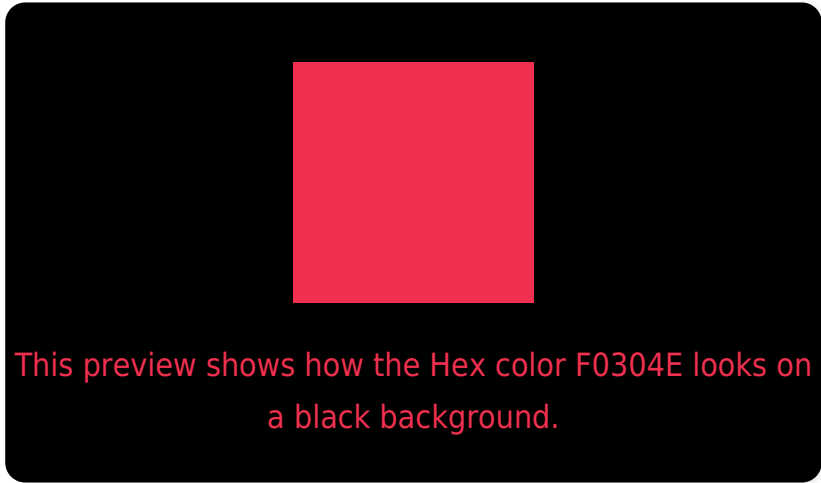
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0304E Background



This preview shows how black text looks on a background with the Hex color F0304E.



This preview shows how white text looks on a background with the Hex color F0304E.

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



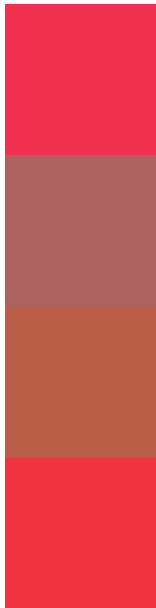
Original Color
F0304E

Protanopia
867F6C

Deuteranopia
9C7944



Trichromacy



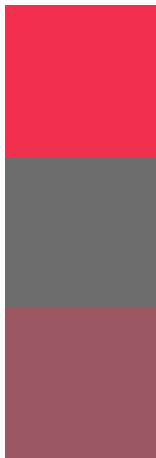
Original Color
F0304E

Protanomaly
AD6261

Deuteranomaly
BB5E48

Tritanomaly
EF333F

Monochromacy



Original Color
F0304E

Achromatopsia
6D6D6D

Achromatomaly
9D5762

CSS Examples

Text

The CSS property to change the color of the text to Hex F0304E 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 #F0304E looks like.

```
.text, #text, p{  
    color:#F0304E  
}
```

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 #F0304E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0304E
}
```

Border

The CSS property to change the border of an element to Hex F0304E 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".

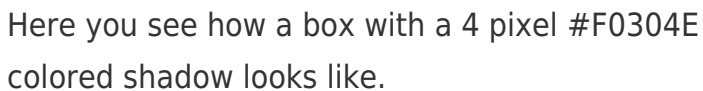
```
.border, #border, table{ border:4px solid
#F0304E }
```

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

```
.border{ border-color:#F0304E }
```

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

Here you see how a box with a 4 pixel #F0304E colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0304E; -webkit-box-shadow:4px 4px  
4px 4px #F0304E; box-shadow:4px 4px 4px  
4px #F0304E }
```

Background

The CSS property to change the background color of an element to Hex F0304E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0304E }
```

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

```
.background{ background-color:#F0304E }
```

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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