

Converting Colors

Hex(F0405A)

Have a look what the booklet for
Hex(F0405A) contains.

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Color

Hex(F0405A)

Conversions

Conversions Part 1

Format	Color
Hex	F0405A
RGB	240, 64, 90
RGB Percent	94%, 25%, 35%
CMY	0.0588, 0.7490, 0.6471
CMYK	0.00, 0.73, 0.62, 0.06
HSL	351°, 85%, 60%
HSV	351°, 73%, 94%
XYZ	39.6140, 22.9302, 12.0109
YIQ	119.5880, 96.5500, 45.3980

Conversions

Conversions Part 2

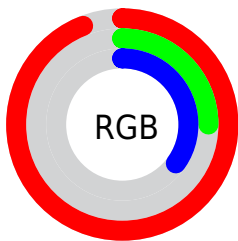
Format	Color
R_{YB}	240, 64, 90
Decimal	15745114
CIE Lab	55.00, 67.45, 26.50
CIE LCh	55, 72.467, 21.446
Yxy	22.9302, 0.5313, 0.3076
Android (android.graphics.Color)	4293935194 (0xFFFF0405A)
YUV	119.5880, -14.5869, 105.6013
Hunter-Lab	47.8855, 63.8672, 18.6484

Details

The Hex color **F0405A** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **40F0D6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7C8C**, and **B1002D** is the 20% darker color. If you saturate the color by 10%, you get **F02846**, and if you desaturate by 10%, it is **F0586E**.

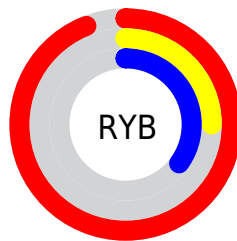
Distribution



Red (94%)

Green (25%)

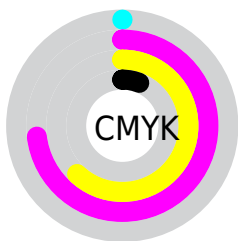
Blue (35%)



Red (94%)

Yellow (25%)

Blue (35%)

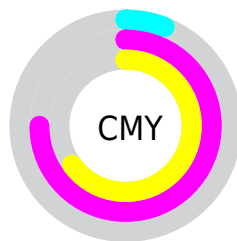


Cyan (0%)

Magenta (73%)

Yellow (62%)

Black (6%)



Cyan (6%)

Magenta (75%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0405A 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 F0405A by changing the saturation by 10% instead.

 F0405A

 F0405A

FFFFFF

 D01943

 FF7C8C

 B1002D

 FF99A6

 910019

 FFB6C1

 730000

 FFD4DD

 540002

 FFF2FA

 360002

 070000

 000000

 F0405A

 F0405A

 F02846

 F0586E

 F01031

 F07083

 F00023

 F08897

 F0A0AC

 F0B8C0

 F0D0D5

 F0E8E9

 F0FFFE

 F0FFFF

Harmonies

Analogous

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



E93D98



F0405A



D95E1D

Triad

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



F0405A



00992D



0091FF

Complementary

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



F0405A



40F0D6

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.



009CE5



F0405A



009E6F

Square

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



F0405A



748E00



009FB0



547BFA

Rectangle

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



F0405A



BE7200



009FB0



0095FB

Sweetspot

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



F0405A



FFC7CF



D640F0



805E63



000000



808080

Same Dimension

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



F0405A



FF1F40



F07E40



786C6E



B8001B



380008

Inverse Universe

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



F0405A



FF1F40



40B2F0



786C6E



B8001B



380008

Previews

White Background



This preview shows how the Hex color F0405A looks on a white background.

Color Contrast Check

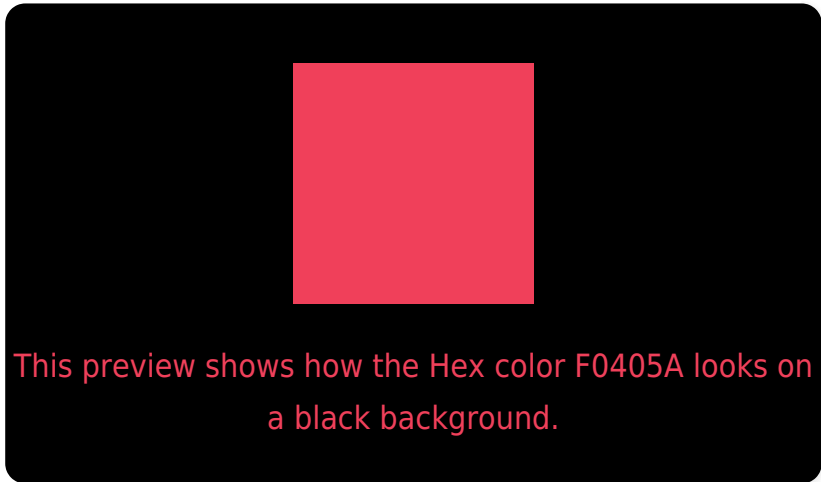
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0405A Background



This preview shows how black text looks on a background with the Hex color F0405A.

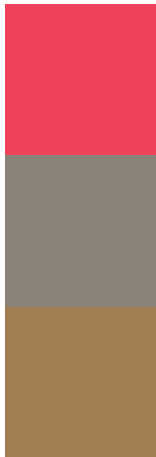


This preview shows how white text looks on a background with the Hex color F0405A.

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

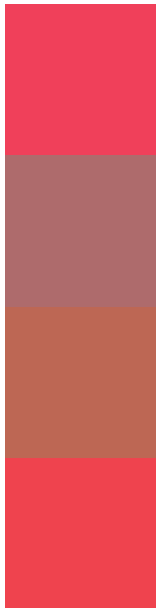


Original Color
F0405A

Protanopia
898477

Deuteranopia
A07E51

Trichromacy



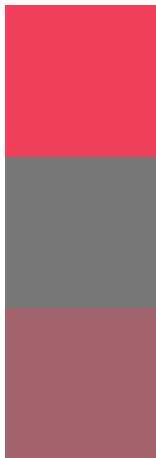
Original Color
F0405A

Protanomaly
AE6B6C

Deuteranomaly
BD6754

Tritanomaly
EF434E

Monochromacy



Original Color
F0405A

Achromatopsia
787878

Achromatomaly
A4646D

CSS Examples

Text

The CSS property to change the color of the text to Hex F0405A 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 #F0405A looks like.

```
.text, #text, p{  
    color:#F0405A  
}
```

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 #F0405A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0405A
}
```

Border

The CSS property to change the border of an element to Hex F0405A 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
#F0405A }
```

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

```
.border{ border-color:#F0405A }
```

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

Here you see how a box with a 4 pixel #F0405A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0405A; -webkit-box-shadow:4px 4px  
4px 4px #F0405A; box-shadow:4px 4px 4px  
4px #F0405A }
```

Background

The CSS property to change the background color of an element to Hex F0405A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0405A }
```

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

```
.background{ background-color:#F0405A }
```

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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