

Converting Colors

Hex(F00755)

Have a look what the booklet for
Hex(F00755) contains.

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Color

Hex(F00755)

Conversions

Conversions Part 1

Format	Color
Hex	F00755
RGB	240, 7, 85
RGB Percent	94%, 3%, 33%
CMY	0.0588, 0.9725, 0.6667
CMYK	0.00, 0.97, 0.65, 0.06
HSL	340°, 94%, 48%
HSV	340°, 97%, 94%
XYZ	37.6509, 19.3331, 10.3416
YIQ	85.5590, 113.8300, 73.6540

Conversions

Conversions Part 2

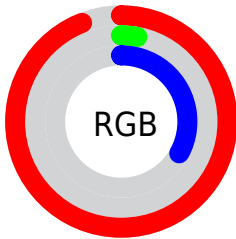
Format	Color
RYB	240, 7, 85
Decimal	15730517
CIELab	51.07, 78.10, 24.39
CIELCh	51, 81.817, 17.347
Yxy	19.3331, 0.5592, 0.2872
Android (android.graphics.Color)	4293920597 (0xFFFF00755)
YUV	85.5590, -0.2756, 135.4448
Hunter-Lab	43.9694, 75.9024, 16.8336

Details

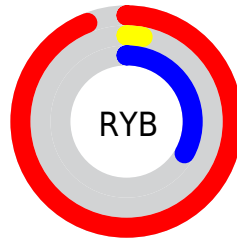
The Hex color **F00755** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **07F0A2**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6086**, and **B00029** is the 20% darker color. If you saturate the color by 10%, you get **F00050**, and if you desaturate by 10%, it is **F01F65**.

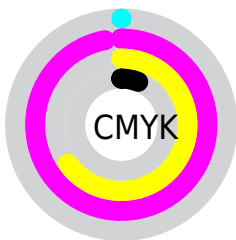
Distribution



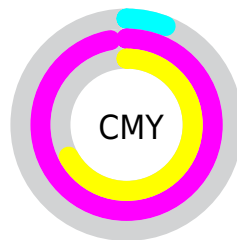
- Red (94%)
- Green (3%)
- Blue (33%)



- Red (94%)
- Yellow (3%)
- Blue (33%)



- Cyan (0%)
- Magenta (97%)
- Yellow (65%)
- Black (6%)



- Cyan (6%)
- Magenta (97%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color F00755 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 F00755 by changing the saturation by 10% instead.

 F00755

 F00755

FFFFFF

 D0003E

 FF6086

 B00029

 FF7FA0

 900016

 FF9EBB

 700002

 FFBCD7

 520004

 FFDAF3

 320002

 FFF9FF

 000000

 F00755

 F00755

 F00050

 F01F65

 F03775

 F04F85

 F06795

 F07FA5

 F097B5

 F0AFC5

 F0C7D5

 F0DFE5

Harmonies

Analogous

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



E4129A



F00755



DA4708

Triad

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



F00755



008F00



008BFF

Complementary

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



F00755



07F0A2

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.



0095E0



F00755



009558

Square

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



F00755



6E8300



0097A2



0075FF

Rectangle

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



F00755



BD6100



0097A2



008FFC

Sweetspot

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



F00755



FFB5CE



9E07F0



805362



000000



808080

Same Dimension

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



F00755



FF0055



F02A07



786C70



B8003D



380013

Inverse Universe

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



F00755



FF0055



07CDF0



786C70



B8003D



380013

Previews

White Background



This preview shows how the Hex color F00755 looks on a white background.

Color Contrast Check

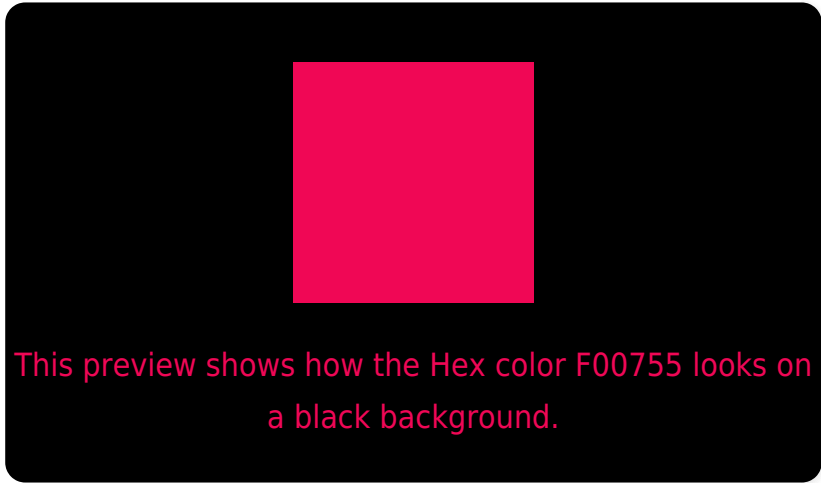
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00755 Background



This preview shows how black text looks on a background with the Hex color F00755.

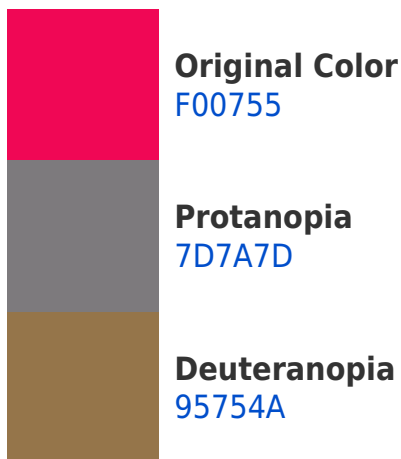


This preview shows how white text looks on a background with the Hex color F00755.

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





Trichromacy



Original Color

F00755



Protanomaly

A7506E



Deuteranomaly

B64D4E



Tritanomaly

EF1933

Monochromacy



Original Color

F00755



Achromatopsia

565656



Achromatomaly

8E3956

CSS Examples

Text

The CSS property to change the color of the text to Hex F00755 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 #F00755 looks like.

```
.text, #text, p{  
    color:#F00755  
}
```

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 #F00755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00755
}
```

Border

The CSS property to change the border of an element to Hex F00755 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".

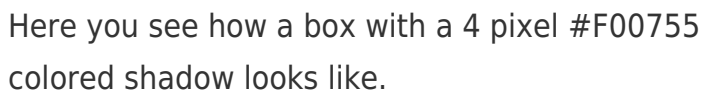
```
.border, #border, table{ border:4px solid
#F00755 }
```

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

```
.border{ border-color:#F00755 }
```

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

Here you see how a box with a 4 pixel #F00755 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the red color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00755; -webkit-box-shadow:4px 4px  
4px 4px #F00755; box-shadow:4px 4px 4px  
4px #F00755 }
```

Background

The CSS property to change the background color of an element to Hex F00755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00755 }
```

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

```
.background{ background-color:#F00755 }
```

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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