

Converting Colors

Hex(F405C8)

Have a look what the booklet for
Hex(F405C8) contains.

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Color

Hex(F405C8)

Conversions

Conversions Part 1

Format	Color
Hex	F405C8
RGB	244, 5, 200
RGB Percent	96%, 2%, 78%
CMY	0.0431, 0.9804, 0.2157
CMYK	0.00, 0.98, 0.18, 0.04
HSL	311°, 96%, 49%
HSV	311°, 98%, 96%
XYZ	47.7878, 23.5118, 56.6631
YIQ	98.6910, 79.8490, 111.3130

Conversions

Conversions Part 2

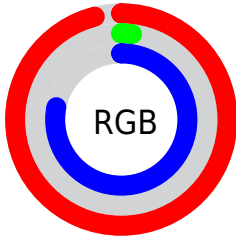
Format	Color
RYB	244, 5, 200
Decimal	15992264
CIELab	55.60, 88.98, -37.43
CIElCh	56, 96.535, 337.186
Yxy	23.5118, 0.3735, 0.1837
Android (android.graphics.Color)	4294182344 (0xFFFF405C8)
YUV	98.6910, 49.9453, 127.4360
Hunter-Lab	48.4889, 91.0634, -35.3427

Details

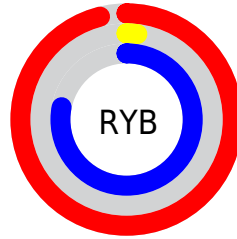
The Hex color **F405C8** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **05F431**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF65FF**, and **B70091** is the 20% darker color. If you saturate the color by 10%, you get **F400C7**, and if you desaturate by 10%, it is **F41DCC**.

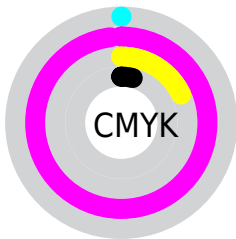
Distribution



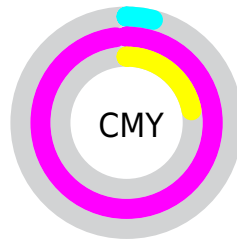
- Red (96%)
- Green (2%)
- Blue (78%)



- Red (96%)
- Yellow (2%)
- Blue (78%)



- Cyan (0%)
- Magenta (98%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F405C8 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 F405C8 by changing the saturation by 10% instead.

 F405C8

 F405C8

FFFFFF

 D500AC

 FF65FF

 B70091

 FF86FF

 990077

 FFA5FF

 7B005E

 FFC3FF

 5E0046

 FFE2FF

 41002F

 230019

 000000

 F405C8

 F405C8

 F400C7

 F41DCC

 F436D1

 F44ED5

 F467DA

 F47FDE

 F497E3

 F4B0E7

 F4C8EC

 F4E1F0

Harmonies

Analogous

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



9762FF



F405C8



FF0075

Triad

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



F405C8



908900



00A6EA

Complementary

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



F405C8



05F431

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.



00A798



F405C8



249B00

Square

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



F405C8



D46700



00A33E



009FFF

Rectangle

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



F405C8



FF003F



00A33E



00A7D0

Sweetspot

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



F405C8



FFB5F1



3105F4



805377



000000



808080

Same Dimension

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



F405C8



FF00D0



F40551



7A6E78



BA0098



3B0030

Inverse Universe

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



F405C8



FF00D0



05F4A8



7A6E78



BA0098



3B0030

Previews

White Background



This preview shows how the Hex color F405C8 looks on a white background.

Color Contrast Check

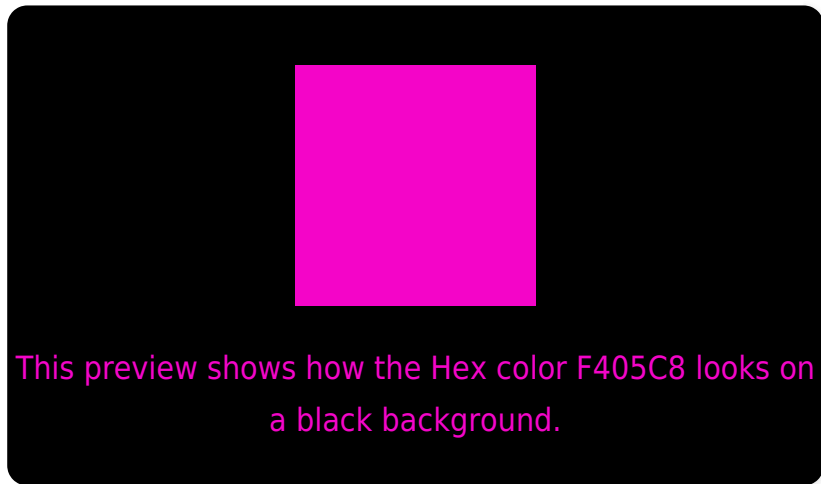
Large Text (above 18pt) WCAG AA ✓ Pass

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 F405C8 Background



This preview shows how black text looks on a background with the Hex color F405C8.



This preview shows how white text looks on a background with the Hex color F405C8.

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
F405C8

Protanopia
4082FF

Deuteranopia
7485BC



Tritanopia
EA4F53

Trichromacy



Original Color
F405C8



Protanomaly
8155EB



Deuteranomaly
A356C0



Tritanomaly
EE347E

Monochromacy



Original Color
F405C8



Achromatopsia
636363



Achromatomaly
984188

CSS Examples

Text

The CSS property to change the color of the text to Hex F405C8 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 #F405C8 looks like.

```
.text, #text, p{  
    color:#F405C8  
}
```

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 #F405C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F405C8
}
```

Border

The CSS property to change the border of an element to Hex F405C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

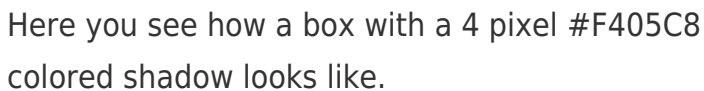
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F405C8 }
```

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

```
.border{ border-color:#F405C8 }
```

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



Here you see how a box with a 4 pixel #F405C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F405C8; -webkit-box-shadow:4px 4px  
4px 4px #F405C8; box-shadow:4px 4px 4px  
4px #F405C8 }
```

Background

The CSS property to change the background color of an element to Hex F405C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F405C8 }
```

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

```
.background{ background-color:#F405C8 }
```

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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