

Converting Colors

Hex(F395D4)

Have a look what the booklet for
Hex(F395D4) contains.

Hex(F395D4)	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(F395D4)

Conversions

Conversions Part 1

Format	Color
Hex	F395D4
RGB	243, 149, 212
RGB Percent	95%, 58%, 83%
CMY	0.0471, 0.4157, 0.1686
CMYK	0.00, 0.39, 0.13, 0.05
HSL	320°, 80%, 77%
HSV	320°, 39%, 95%
XYZ	59.5933, 45.3030, 67.8908
YIQ	184.2880, 35.8010, 39.5210

Conversions

Conversions Part 2

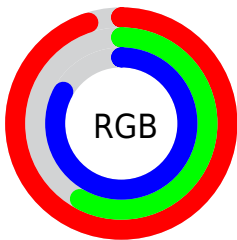
Format	Color
R _Y B	243, 149, 212
Decimal	15963604
CIE Lab	73.09, 43.93, -17.26
CIE LCh	73, 47.202, 338.555
Yxy	45.3030, 0.3449, 0.2622
Android (android.graphics.Color)	4294153684 (0xFFFF395D4)
YUV	184.2880, 13.6620, 51.4904
Hunter-Lab	67.3075, 40.2535, -12.6885

Details

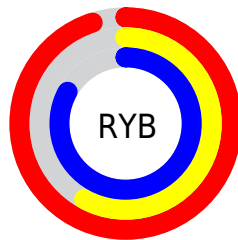
The Hex color **F395D4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **95F3B4**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFCDFF**, and **B9609D** is the 20% darker color. If you saturate the color by 10%, you get **F37DCC**, and if you desaturate by 10%, it is **F3ADDC**.

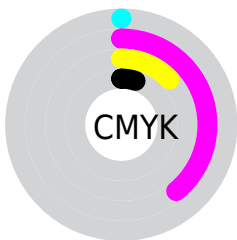
Distribution



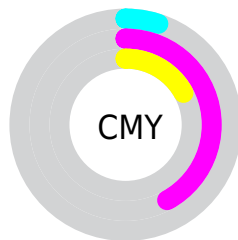
- Red (95%)
- Green (58%)
- Blue (83%)



- Red (95%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (39%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color F395D4 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 F395D4 by changing the saturation by 10% instead.

 F395D4

 F395D4

FFFFFF

 D67AB8

 FFCDFD

 B9609D

 FFE9FF

 9D4683

 822C6A

 670F52

 4D003A

 350025

 18000D

 000000

 F395D4

 F395D4

 F37DCC

 F3ADDC

 F364C4

 F3C6E4

 F34CBC

 F3DEEC

 F334B4

 F3F6F4

 F31CAC

 F3FFFC

 F303A4

 F3FFFF

 F300A3

Harmonies

Analogous

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



C8A3F7



F395D4



FF90A9

Triad

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



F395D4



C2B55C



00C8E8

Complementary

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



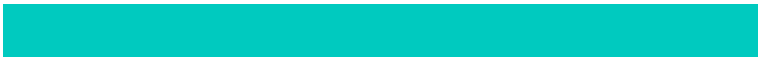
F395D4



95F3B4

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.



00CABF



F395D4



94C16E

Square

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



F395D4



E8A663



59C792



00C0FF

Rectangle

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



F395D4



FF948C



59C792



00C9DB

Sweetspot

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



F395D4



FFE0F5



B395F3



806E7A



000000



808080

Same Dimension

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



F395D4



FF8AD8



F395A6



7A6E76



BA007D



3B0027

Inverse Universe

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



F395D4



FF8AD8



95F3E2



7A6E76



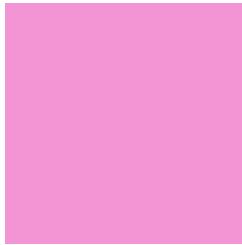
BA007D



3B0027

Previews

White Background



This preview shows how the Hex color F395D4 looks on a white background.

Color Contrast Check

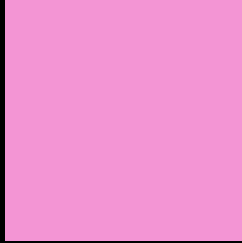
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color F395D4 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F395D4 Background



This preview shows how black text looks on a background with the Hex color F395D4.

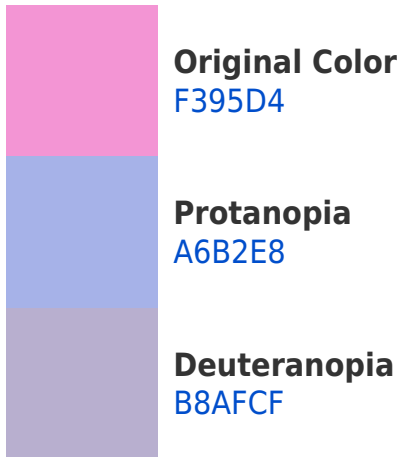


This preview shows how white text looks on a background with the Hex color F395D4.

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
EE9DA9

Trichromacy



Original Color
F395D4



Protanomaly
C2A7E1



Deuteranomaly
CDA6D1



Tritanomaly
F09AB9

Monochromacy



Original Color
F395D4



Achromatopsia
B8B8B8



Achromatomaly
CDABC2

CSS Examples

Text

The CSS property to change the color of the text to Hex F395D4 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 #F395D4 looks like.

```
.text, #text, p{  
    color:#F395D4  
}
```

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 #F395D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F395D4
}
```

Border

The CSS property to change the border of an element to Hex F395D4 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
#F395D4 }
```

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

```
.border{ border-color:#F395D4 }
```

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

Here you see how a box with a 4 pixel #F395D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F395D4; -webkit-box-shadow:4px 4px  
4px 4px #F395D4; box-shadow:4px 4px 4px  
4px #F395D4 }
```

Background

The CSS property to change the background color of an element to Hex F395D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F395D4 }
```

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

```
.background{ background-color:#F395D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor