

Converting Colors

Hex(F163D3)

Have a look what the booklet for
Hex(F163D3) contains.

Hex(F163D3)	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(F163D3)

Conversions

Conversions Part 1

Format	Color
Hex	F163D3
RGB	241, 99, 211
RGB Percent	95%, 39%, 83%
CMY	0.0549, 0.6118, 0.1725
CMYK	0.00, 0.59, 0.12, 0.05
HSL	313°, 84%, 67%
HSV	313°, 59%, 95%
XYZ	52.4953, 32.3276, 65.1011
YIQ	154.2260, 48.6800, 64.9360

Conversions

Conversions Part 2

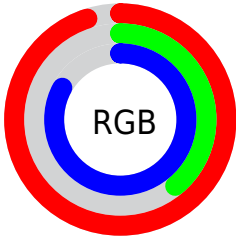
Format	Color
RYB	241, 99, 211
Decimal	15819731
CIELab	63.61, 67.07, -31.23
CIElCh	64, 73.987, 335.036
Yxy	32.3276, 0.3501, 0.2156
Android (android.graphics.Color)	4294009811 (0xFFFF163D3)
YUV	154.2260, 27.9896, 76.1008
Hunter-Lab	56.8574, 65.3053, -28.0862

Details

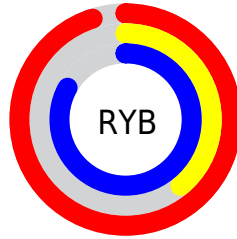
The Hex color **F163D3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **63F181**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF9CFF**, and **B6249C** is the 20% darker color. If you saturate the color by 10%, you get **F14BCE**, and if you desaturate by 10%, it is **F17BD8**.

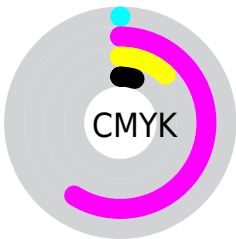
Distribution



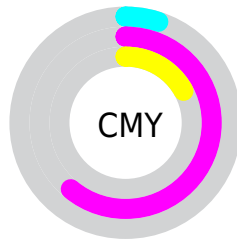
- Red (95%)
- Green (39%)
- Blue (83%)



- Red (95%)
- Yellow (39%)
- Blue (83%)



- Cyan (0%)
- Magenta (59%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (61%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color F163D3 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 F163D3 by changing the saturation by 10% instead.

 F163D3

 F163D3

FFFFFF

 D346B7

 FF9CFF

 B6249C

 FFB9FF

 990082

 FFD6FF

 7D0068

 FFF4FF

 610050

 460039

 2B0022

 000007

 000000

 F163D3

 F163D3

 F14BCE

 F17BD8

 F133C9

 F193DD

 F11BC4

 F1ABE2

 F103BF

 F1C3E7

 F100BE

 F1DBEC

 F1F4F2

 F1FFF7

 F1FFFC

 F1FFFF

Harmonies

Analogous

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



A883FF



F163D3



FF5292

Triad

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



F163D3



AE9B00



00B7E4

Complementary

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



F163D3



63F181

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.



00B8A4



F163D3



69AB1A

Square

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



F163D3



E48212



00B45F



00AFFF

Rectangle

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



F163D3



FF5B67



00B45F



00B8D0

Sweetspot

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



F163D3



FFD1F5



7F63F1



80637A



000000



808080

Same Dimension

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



F163D3



FF4AD9



F1638E



786C75



B80091



38002C

Inverse Universe

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



F163D3



FF4AD9



63F1C6



786C75



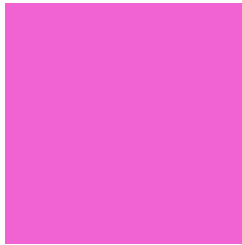
B80091



38002C

Previews

White Background



This preview shows how the Hex color F163D3 looks on a white background.

Color Contrast Check

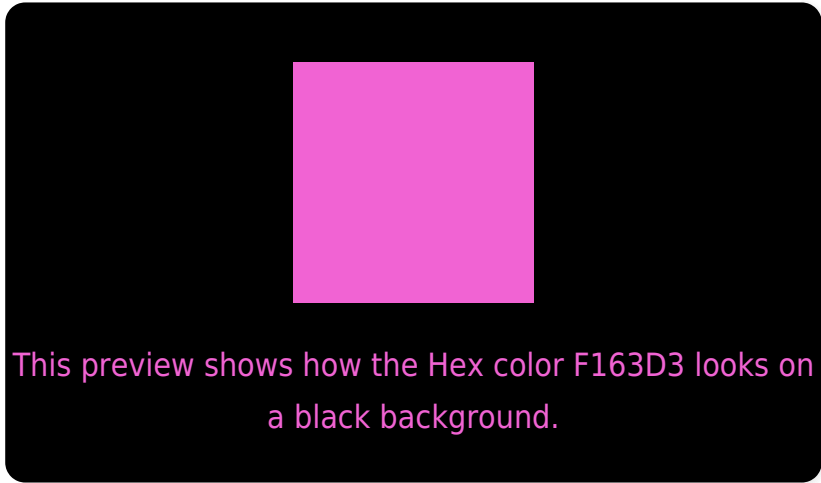
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 F163D3 Background



This preview shows how black text looks on a background with the Hex color F163D3.



This preview shows how white text looks on a background with the Hex color F163D3.

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
E87880

Trichromacy



Original Color
F163D3



Protanomaly
A084EE



Deuteranomaly
B385CD



Tritanomaly
EB709E

Monochromacy



Original Color
F163D3



Achromatopsia
9A9A9A



Achromatomaly
BA86AF

CSS Examples

Text

The CSS property to change the color of the text to Hex F163D3 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 #F163D3 looks like.

```
.text, #text, p{  
    color:#F163D3  
}
```

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 #F163D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F163D3
}
```

Border

The CSS property to change the border of an element to Hex F163D3 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
#F163D3 }
```

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

```
.border{ border-color:#F163D3 }
```

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

Here you see how a box with a 4 pixel #F163D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F163D3; -webkit-box-shadow:4px 4px  
4px 4px #F163D3; box-shadow:4px 4px 4px  
4px #F163D3 }
```

Background

The CSS property to change the background color of an element to Hex F163D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F163D3 }
```

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

```
.background{ background-color:#F163D3 }
```

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