

Converting Colors

Hex(FA6BE1)

Have a look what the booklet for
Hex(FA6BE1) contains.

Hex(FA6BE1)	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(FA6BE1)

Conversions

Conversions Part 1

Format	Color
Hex	FA6BE1
RGB	250, 107, 225
RGB Percent	98%, 42%, 88%
CMY	0.0196, 0.5804, 0.1176
CMYK	0.00, 0.57, 0.10, 0.02
HSL	310°, 93%, 70%
HSV	310°, 57%, 98%
XYZ	58.2726, 36.2756, 75.1648
YIQ	163.2090, 47.3500, 67.0140

Conversions

Conversions Part 2

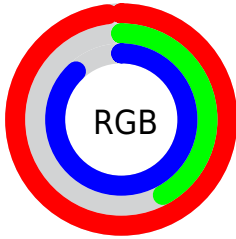
Format	Color
R _Y B	250, 107, 225
Decimal	16411617
CIE _{Lab}	66.73, 68.17, -34.12
CIE _{LCh}	67, 76.230, 333.410
Y _{xy}	36.2756, 0.3434, 0.2137
Android (android.graphics.Color)	4294601697 (0xFFFA6BE1)
YUV	163.2090, 30.4630, 76.1157
Hunter-Lab	60.2293, 67.3001, -31.8321

Details

The Hex color **FA6BE1** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6BFA84**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFA4FF**, and **BE2EA9** is the 20% darker color. If you saturate the color by 10%, you get **FA52DD**, and if you desaturate by 10%, it is **FA84E5**.

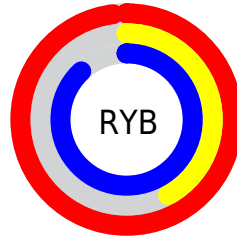
Distribution



Red (98%)

Green (42%)

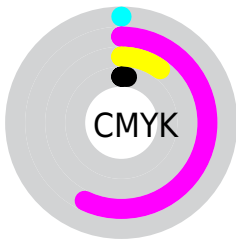
Blue (88%)



Red (98%)

Yellow (42%)

Blue (88%)

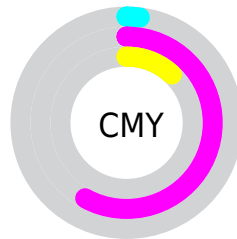


Cyan (0%)

Magenta (57%)

Yellow (10%)

Black (2%)



Cyan (2%)

Magenta (58%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA6BE1 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 FA6BE1 by changing the saturation by 10% instead.

 FA6BE1

 FA6BE1

FFFFFF

 DC4EC5

 FFA4FF

 BE2EA9

 FFC1FF

 A1008F

 FFDFFF

 850075

 FFFDFF

 69005C

 4D0044

 34002D

 0F0017

 000000

 FA6BE1

 FA6BE1

 FA52DD

 FA84E5

 FA39D8

 FA9DEA

 FA20D4

 FAB6EE

 FA07D0

 FACFF2

 FA00CE

 FAE8F7

 FAFFFB

 FAFFFF

Harmonies

Analogous

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



AB8CFF



FA6BE1



FF589D

Triad

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



FA6BE1



BBA200



00C1EC

Complementary

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



FA6BE1



6BFA84

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.



00C1A8



FA6BE1



75B41A

Square

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



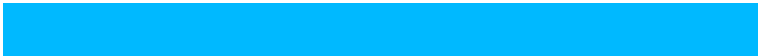
FA6BE1



F2871B



00BD61



00B9FF

Rectangle

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



FA6BE1



FF6070



00BD61



00C1D7

Sweetspot

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



FA6BE1



FFD4F7



836BFA



80667B



000000



808080

Same Dimension

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



FA6BE1



FF4FE0



FA6B9B



7D707B



BD009C



3D0033

Inverse Universe

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



FA6BE1



FF4FE0



6BFACA



7D707B



BD009C



3D0033

Previews

White Background



This preview shows how the Hex color FA6BE1 looks on a white background.

Color Contrast Check

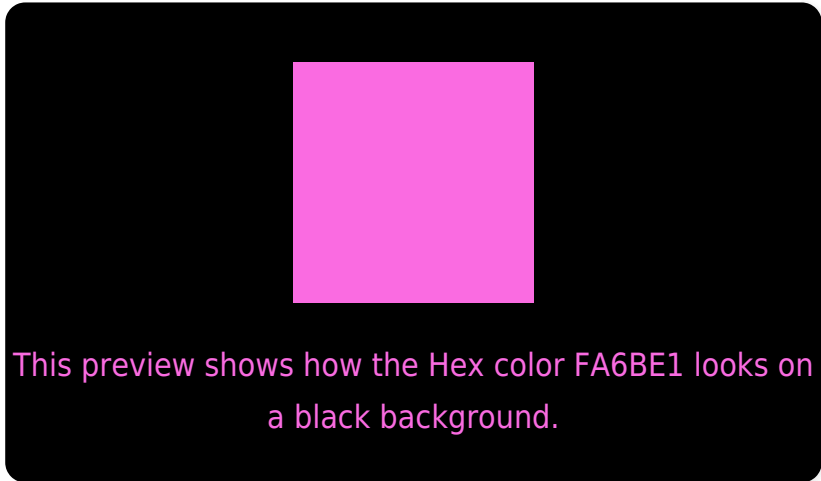
Large Text (above 18pt) WCAG AA × Fail

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 FA6BE1 Background



This preview shows how black text looks on a background with the Hex color FA6BE1.

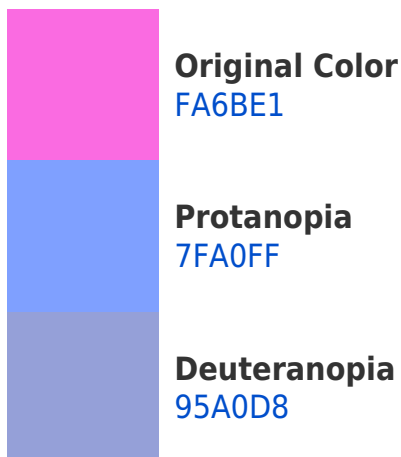


This preview shows how white text looks on a background with the Hex color FA6BE1.

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



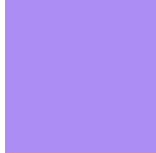


Tritanopia
F1818A

Trichromacy



Original Color
FA6BE1



Protanomaly
AC8DF4



Deuteranomaly
BA8DDB



Tritanomaly
F479AA

Monochromacy



Original Color
FA6BE1



Achromatopsia
A3A3A3



Achromatomaly
C38FBA

CSS Examples

Text

The CSS property to change the color of the text to Hex FA6BE1 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 #FA6BE1 looks like.

```
.text, #text, p{  
    color:#FA6BE1  
}
```

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 #FA6BE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA6BE1
}
```

Border

The CSS property to change the border of an element to Hex FA6BE1 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
#FA6BE1 }
```

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

```
.border{ border-color:#FA6BE1 }
```

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

Here you see how a box with a 4 pixel #FA6BE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA6BE1; -webkit-box-shadow:4px 4px  
4px 4px #FA6BE1; box-shadow:4px 4px 4px  
4px #FA6BE1 }
```

Background

The CSS property to change the background color of an element to Hex FA6BE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA6BE1 }
```

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

```
.background{ background-color:#FA6BE1 }
```

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