

# Converting Colors

Hex(F460B1)

Have a look what the booklet for  
Hex(F460B1) contains.

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**Color**

**Hex(F460B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F460B1
RGB	244, 96, 177
RGB Percent	96%, 38%, 69%
CMY	0.0431, 0.6235, 0.3059
CMYK	0.00, 0.61, 0.27, 0.04
HSL	327°, 87%, 67%
HSV	327°, 61%, 96%
XYZ	49.4269, 30.7732, 44.9297
YIQ	149.4860, 62.2070, 56.5670

# Conversions

## Conversions Part 2

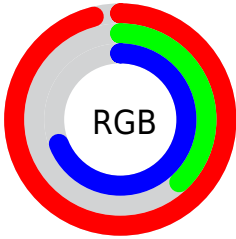
Format	Color
<a href="#">RYB</a>	<a href="#">244, 96, 177</a>
Decimal	<a href="#">16015537</a>
CIELab	<a href="#">62.32, 64.51, -13.87</a>
CIElCh	<a href="#">62, 65.986, 347.866</a>
Yxy	<a href="#">30.7732, 0.3950, 0.2459</a>
Android (android.graphics.Color)	<a href="#">4294205617</a> (0xFFFF460B1)
YUV	<a href="#">149.4860, 13.5644, 82.8888</a>
Hunter-Lab	<a href="#">55.4736, 61.9646, -9.1893</a>

# Details

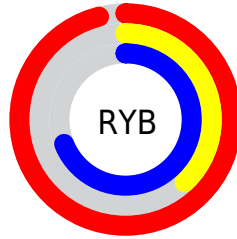
The Hex color **F460B1** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **60F4A3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF99E9**, and **B8207C** is the 20% darker color. If you saturate the color by 10%, you get **F448A6**, and if you desaturate by 10%, it is **F478BC**.

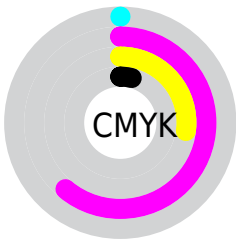
# Distribution



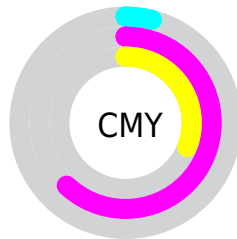
- Red (96%)
- Green (38%)
- Blue (69%)



- Red (96%)
- Yellow (38%)
- Blue (69%)



- Cyan (0%)
- Magenta (61%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F460B1 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 F460B1 by changing the saturation by 10% instead.



 F460B1

 F460B1

FFFFFF

 D64296

 FF99E9

 B8207C

 FFB6FF

 9B0063

 FFD3FF


 7E004B

 FFF1FF

 620035

 470020

 2B0003

 000000

 F460B1

 F460B1

 F448A6

 F478BC

 F42F9B

 F491C7

 F41790

 F4A9D2

 F40086

 F4C2DD

 F4DAE8

 F4F2F3

 F4FFFE

 F4FFFF

# Harmonies

## Analogous

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



C577E6



F460B1



FF5E76

# Triad

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



F460B1



929E0F



00AFED

# Complementary

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



F460B1



60F4A3

# 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.



00B2B9



F460B1



4AAA42

# Square

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



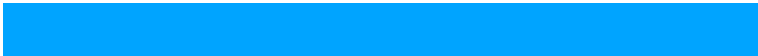
F460B1



C78B12



00B17C



00A4FF

# Rectangle

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



F460B1



F76B52



00B17C



00B0DD



# Sweetspot

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



F460B1



FFD1EA



A360F4



806373



000000



808080



# Same Dimension

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



F460B1



FF45AB



F46067



7A6E75



BA0066



3B0020



# Inverse Universe

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



F460B1



FF45AB



60F4ED



7A6E75



BA0066



3B0020



# Previews

## White Background



This preview shows how the Hex color F460B1 looks on a white background.

## Color Contrast Check

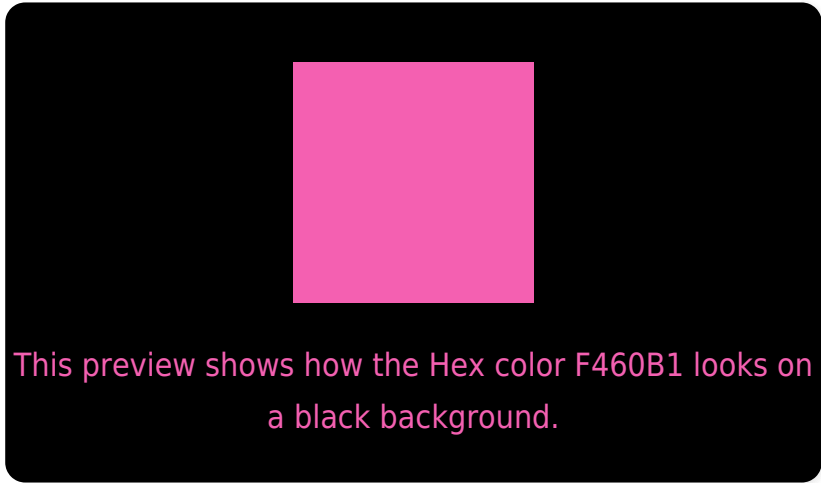
Large Text (above 18pt) WCAG AA × Fail

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 F460B1 Background



This preview shows how black text looks on a background with the Hex color F460B1.



This preview shows how white text looks on a background with the Hex color F460B1.

# 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**  
EF6E75

# Trichromacy



**Original Color**  
F460B1



**Protanomaly**  
AC82C9



**Deuteranomaly**  
BD80AC



**Tritanomaly**  
F1698B

# Monochromacy



**Original Color**  
F460B1



**Achromatopsia**  
959595



**Achromatomaly**  
B8829F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F460B1 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 #F460B1 looks like.

```
.text, #text, p{  
    color:#F460B1  
}
```

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 #F460B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F460B1
}
```

## Border

The CSS property to change the border of an element to Hex F460B1 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
#F460B1 }
```

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

```
.border{ border-color:#F460B1 }
```

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

Here you see how a box with a 4 pixel #F460B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F460B1; -webkit-box-shadow:4px 4px  
4px 4px #F460B1; box-shadow:4px 4px 4px  
4px #F460B1 }
```

# Background

The CSS property to change the background color of an element to Hex F460B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F460B1 }
```

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

```
.background{ background-color:#F460B1 }
```

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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