

Converting Colors

Hex(F462A0)

Have a look what the booklet for
Hex(F462A0) contains.

Hex(F462A0)	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(F462A0)

Conversions

Conversions Part 1

Format	Color
Hex	F462A0
RGB	244, 98, 160
RGB Percent	96%, 38%, 63%
CMY	0.0431, 0.6157, 0.3725
CMYK	0.00, 0.60, 0.34, 0.04
HSL	335°, 87%, 67%
HSV	335°, 60%, 96%
XYZ	48.0211, 30.5065, 36.6151
YIQ	148.7220, 67.1140, 50.2340

Conversions

Conversions Part 2

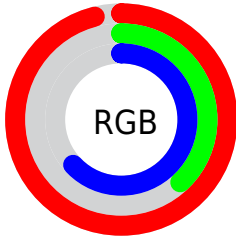
Format	Color
R _{YB}	244, 98, 160
Decimal	16016032
CIE _{Lab}	62.09, 61.64, -4.44
CIE _{LCh}	62, 61.801, 355.877
Yxy	30.5065, 0.4171, 0.2649
Android (android.graphics.Color)	4294206112 (0xFFFF462A0)
YUV	148.7220, 5.5601, 83.5588
Hunter-Lab	55.2327, 58.5363, -0.6418

Details

The Hex color **F462A0** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **62F4B6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF9BD7**, and **B8256D** is the 20% darker color. If you saturate the color by 10%, you get **F44A92**, and if you desaturate by 10%, it is **F47AAE**.

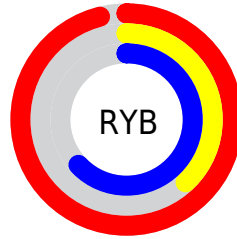
Distribution



Red (96%)

Green (38%)

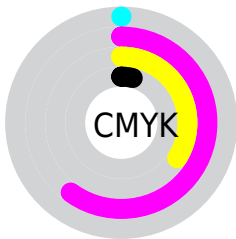
Blue (63%)



Red (96%)

Yellow (38%)

Blue (63%)

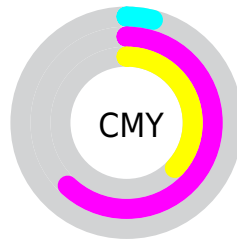


Cyan (0%)

Magenta (60%)

Yellow (34%)

Black (4%)



Cyan (4%)

Magenta (62%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color F462A0 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 F462A0 by changing the saturation by 10% instead.

 F462A0

 F462A0

FFFFFF

 D64586

 FF9BD7

 B8256D

 FFB7F3

 9A0054

 FFD4FF

 7D003D

 FFF2FF

 610028

 460013

 290001

 000000

 F462A0

 F462A0

 F44A92

 F47AAE

 F43184

 F493BC

 F41976

 F4ABCA

 F40068

 F4C4D8

 F4DCE6

 F4F4F4

 F4FFFF

Harmonies

Analogous

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



D173D4



F462A0



F7676A

Triad

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



F462A0



84A128



00ABF0

Complementary

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



F462A0



62F4B6

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.



00B0C4



F462A0



36AB55

Square

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



F462A0



B8911A



00B08C



009FFF

Rectangle

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



F462A0



EB7449



00B08C



00ADE4

Sweetspot

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



F462A0



FFD1E5



B562F4



80636F



000000



808080

Same Dimension

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



F462A0



FF4795



F46C62



7A6E73



BA004F



3B0019

Inverse Universe

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



F462A0



FF4795



62EAF4



7A6E73



BA004F



3B0019

Previews

White Background



This preview shows how the Hex color F462A0 looks on a white background.

Color Contrast Check

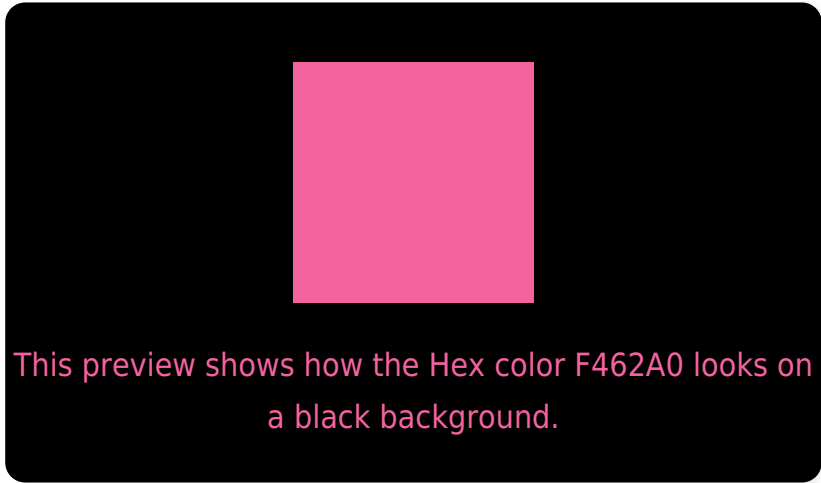
Large Text (above 18pt) WCAG AA × Fail

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 F462A0 Background



This preview shows how black text looks on a background with the Hex color F462A0.



This preview shows how white text looks on a background with the Hex color F462A0.

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
F462A0

Protanopia
8B95C1

Deuteranopia
A49299



Tritanopia
F06C73

Trichromacy



Original Color
F462A0



Protanomaly
B182B5



Deuteranomaly
C1819C



Tritanomaly
F16883

Monochromacy



Original Color
F462A0



Achromatopsia
959595



Achromatomaly
B88299

CSS Examples

Text

The CSS property to change the color of the text to Hex F462A0 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 #F462A0 looks like.

```
.text, #text, p{  
    color:#F462A0  
}
```

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 #F462A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F462A0
}
```

Border

The CSS property to change the border of an element to Hex F462A0 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
#F462A0 }
```

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

```
.border{ border-color:#F462A0 }
```

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

Here you see how a box with a 4 pixel #F462A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F462A0; -webkit-box-shadow:4px 4px  
4px 4px #F462A0; box-shadow:4px 4px 4px  
4px #F462A0 }
```

Background

The CSS property to change the background color of an element to Hex F462A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F462A0 }
```

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

```
.background{ background-color:#F462A0 }
```

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