

# Converting Colors

Hex(F268A5)

Have a look what the booklet for  
Hex(F268A5) contains.

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# **Color**

**Hex(F268A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F268A5
RGB	242, 104, 165
RGB Percent	95%, 41%, 65%
CMY	0.0510, 0.5922, 0.3529
CMYK	0.00, 0.57, 0.32, 0.05
HSL	333°, 84%, 68%
HSV	333°, 57%, 95%
XYZ	48.3598, 31.4945, 39.1275
YIQ	152.2160, 62.6670, 48.2270

# Conversions

## Conversions Part 2

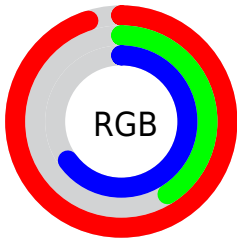
Format	Color
R <sub>Y</sub> B	242, 104, 165
Decimal	15886501
CIE Lab	62.92, 58.98, -6.12
CIE LCh	63, 59.296, 354.079
Yxy	31.4945, 0.4064, 0.2647
Android (android.graphics.Color)	4294076581 (0xFFFF268A5)
YUV	152.2160, 6.3025, 78.7406
Hunter-Lab	56.1199, 55.6075, -2.0537

# Details

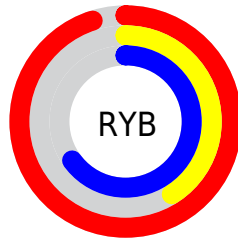
The Hex color **F268A5** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **68F2B5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA0DC**, and **B62E71** is the 20% darker color. If you saturate the color by 10%, you get **F25097**, and if you desaturate by 10%, it is **F280B3**.

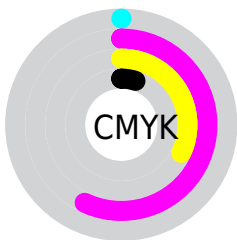
# Distribution



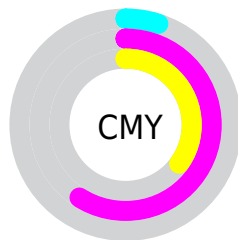
- Red (95%)
- Green (41%)
- Blue (65%)



- Red (95%)
- Yellow (41%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (59%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F268A5 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 F268A5 by changing the saturation by 10% instead.



 F268A5

 F268A5

FFFFFF

 D44C8B

 FFA0DC

 B62E71

 FFBDF8

 990059

 FFDAFF

 7C0042

 FFF7FF

 60002C

 450017

 290001

 000000

 F268A5

 F268A5

 F25097

 F280B3

 F2388A

 F298C0

 F21F7C

 F2B1CE

 F2076F

 F2C9DB

 F2006B

 F2E1E9

 F2F9F6

 F2FFFF

# Harmonies

## Analogous

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



CE78D7



F268A5



F76B70

# Triad

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



F268A5



8AA22F



00ADED

# Complementary

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



F268A5



68F2B5

# 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.



00B1C2



F268A5



45AC57

# Square

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



F268A5



BD9226



00B18C



00A1FF

# Rectangle

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



F268A5



EC7651



00B18C



00AFE0



# Sweetspot

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



F268A5



FFD4E7



B468F2



806671



000000



808080



# Same Dimension

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



F268A5



FF529E



F26F68



786C71



B80051



380019



# Inverse Universe

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



F268A5



FF529E



68EBF2



786C71



B80051

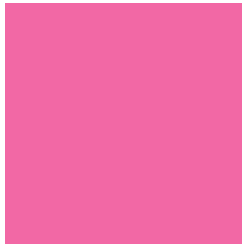


380019



# Previews

## White Background



This preview shows how the Hex color F268A5 looks on a white background.

## Color Contrast Check

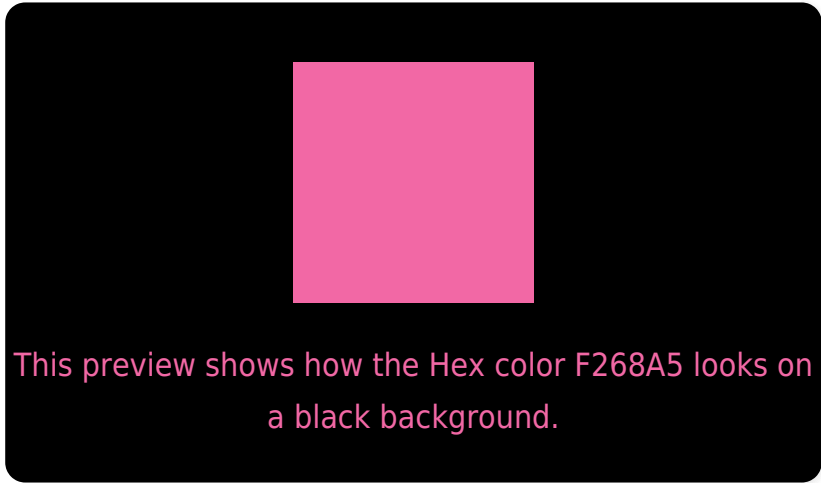
Large Text (above 18pt) WCAG AA × Fail

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 F268A5 Background



This preview shows how black text looks on a background with the Hex color F268A5.



This preview shows how white text looks on a background with the Hex color F268A5.

# 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**  
F268A5

**Protanopia**  
8D97C4

**Deuteranopia**  
A5949E



**Tritanopia**  
EE7179

# Trichromacy



**Original Color**  
F268A5



**Protanomaly**  
B286B9



**Deuteranomaly**  
C184A1



**Tritanomaly**  
EF6E89

# Monochromacy



**Original Color**  
F268A5



**Achromatopsia**  
989898



**Achromatomaly**  
B9879D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F268A5 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 #F268A5 looks like.

```
.text, #text, p{  
    color:#F268A5  
}
```

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 #F268A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F268A5
}
```

## Border

The CSS property to change the border of an element to Hex F268A5 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
#F268A5 }
```

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

```
.border{ border-color:#F268A5 }
```

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

Here you see how a box with a 4 pixel #F268A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F268A5; -webkit-box-shadow:4px 4px  
4px 4px #F268A5; box-shadow:4px 4px 4px  
4px #F268A5 }
```

# Background

The CSS property to change the background color of an element to Hex F268A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F268A5 }
```

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

```
.background{ background-color:#F268A5 }
```

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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