

# Converting Colors

Hex(F365AE)

Have a look what the booklet for  
Hex(F365AE) contains.

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# **Color**

**Hex(F365AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F365AE
RGB	243, 101, 174
RGB Percent	95%, 40%, 68%
CMY	0.0471, 0.6039, 0.3176
CMYK	0.00, 0.58, 0.28, 0.05
HSL	329°, 86%, 67%
HSV	329°, 58%, 95%
XYZ	49.2558, 31.4180, 43.5126
YIQ	151.7800, 61.1990, 52.8070

# Conversions

## Conversions Part 2

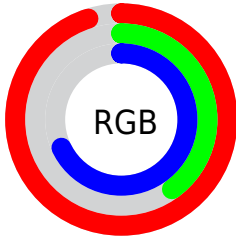
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 101, 174
Decimal	15951278
CIE Lab	62.86, 61.71, -11.35
CIE LCh	63, 62.741, 349.576
Yxy	31.4180, 0.3966, 0.2530
Android (android.graphics.Color)	4294141358 (0xFFFF365AE)
YUV	151.7800, 10.9545, 79.9999
Hunter-Lab	56.0518, 58.7672, -6.7902

# Details

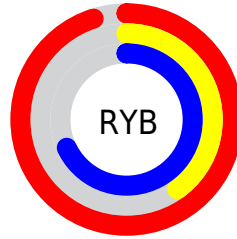
The Hex color **F365AE** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65F3AA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF9EE5**, and **B7297A** is the 20% darker color. If you saturate the color by 10%, you get **F34DA2**, and if you desaturate by 10%, it is **F37DBA**.

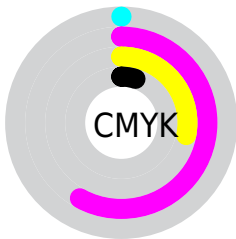
# Distribution



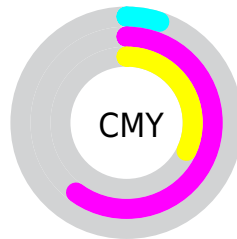
- Red (95%)
- Green (40%)
- Blue (68%)



- Red (95%)
- Yellow (40%)
- Blue (68%)



- Cyan (0%)
- Magenta (58%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (60%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F365AE 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 F365AE by changing the saturation by 10% instead.



 F365AE

 F365AE

FFFFFF

 D54893

 FF9EE5

 B7297A

 FFBAFF

 9A0061

 FFD7FF

 7D0049

 FFF5FF

 610032

 46001E

 2B0001

 000000

 F365AE

 F365AE

 F34DA2

 F37DBA

 F33496

 F396C6

 F31C8B

 F3AED1

 F3047F

 F3C6DD

 F3007D

 F3DEE9

 F3F7F5

 F3FFFF

# Harmonies

## Analogous

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



C879E1



F365AE



FD6576

# Triad

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



F365AE



91A021



00AFEC

# Complementary

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



F365AE



65F3AA

# 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.



00B3BC



F365AE



4CAC4B

# Square

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



F365AE



C58E1E



00B182



00A4FF

# Rectangle

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



F365AE



F37054



00B182



00B1DE



# Sweetspot

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



F365AE



FFD1E9



AA65F3



806372



000000



808080



# Same Dimension

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



F365AE



FF4DA8



F36567



7A6E74



BA0060



3B001E



# Inverse Universe

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



F365AE



FF4DA8



65F3F1



7A6E74



BA0060



3B001E



# Previews

## White Background



This preview shows how the Hex color F365AE looks on a white background.

## Color Contrast Check

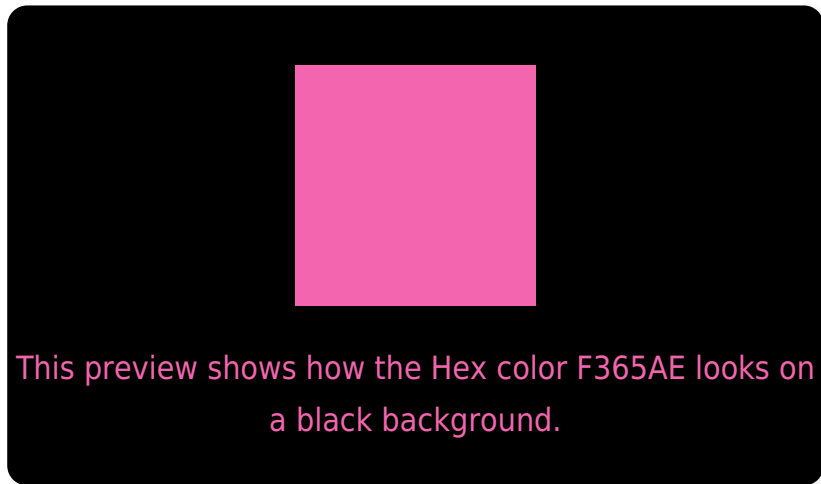
Large Text (above 18pt) WCAG AA × Fail

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 F365AE Background



This preview shows how black text looks on a background with the Hex color F365AE.



This preview shows how white text looks on a background with the Hex color F365AE.

# 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](#).

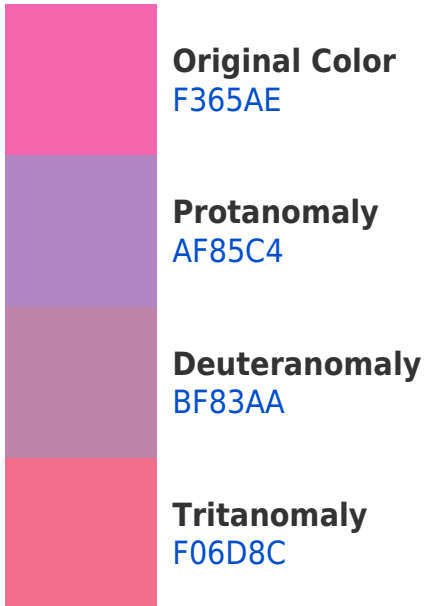
## Dichromacy



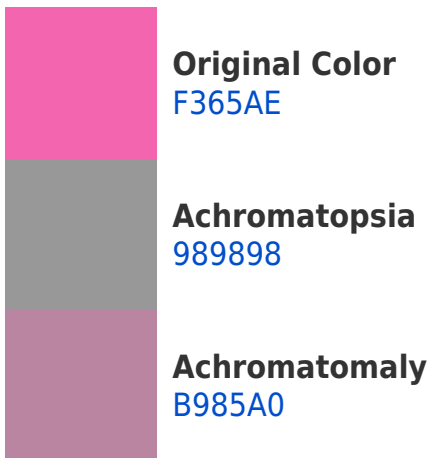


**Tritanopia**  
EE7179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F365AE 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 #F365AE looks like.

```
.text, #text, p{  
    color:#F365AE  
}
```

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 #F365AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F365AE
}
```

## Border

The CSS property to change the border of an element to Hex F365AE 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
#F365AE }
```

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

```
.border{ border-color:#F365AE }
```

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

Here you see how a box with a 4 pixel #F365AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F365AE; -webkit-box-shadow:4px 4px  
4px 4px #F365AE; box-shadow:4px 4px 4px  
4px #F365AE }
```

# Background

The CSS property to change the background color of an element to Hex F365AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F365AE }
```

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

```
.background{ background-color:#F365AE }
```

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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