

# Converting Colors

Hex(F3728A)

Have a look what the booklet for  
Hex(F3728A) contains.

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# **Color**

**Hex(F3728A)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F3728A                     |
| RGB         | 243, 114, 138              |
| RGB Percent | 95%, 45%, 54%              |
| CMY         | 0.0471, 0.5529, 0.4588     |
| CMYK        | 0.00, 0.53, 0.43, 0.05     |
| HSL         | 349°, 84%, 70%             |
| HSV         | 349°, 53%, 95%             |
| XYZ         | 47.5669, 32.9243, 27.8927  |
| YIQ         | 155.3070, 69.1800, 34.8120 |

# Conversions

## Conversions Part 2

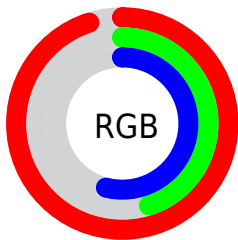
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 243, 114, 138                 |
| Decimal                             | 15954570                      |
| CIE Lab                             | 64.10, 51.71, 11.08           |
| CIE LCh                             | 64, 52.888, 12.095            |
| Yxy                                 | 32.9243, 0.4389,<br>0.3038    |
| Android<br>(android.graphics.Color) | 4294144650<br>(0xFFFF3728A)   |
| YUV                                 | 155.3070, -8.5324,<br>76.9068 |
| Hunter-Lab                          | 57.3797, 47.5594,<br>11.3444  |

# Details

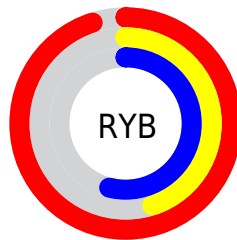
The Hex color **F3728A** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72F3DB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA9BF**, and **B73B58** is the 20% darker color. If you saturate the color by 10%, you get **F35A76**, and if you desaturate by 10%, it is **F38A9E**.

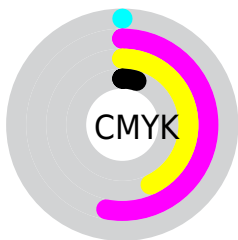
# Distribution



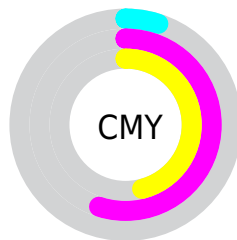
- Red (95%)
- Green (45%)
- Blue (54%)



- Red (95%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (53%)
- Yellow (43%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3728A 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 F3728A by changing the saturation by 10% instead.



 F3728A

 F3728A

FFFFFF

 D55771

 FFA9BF

 B73B58

 FFC6DB

 991D41

 FFE3F8

 7C002B

 600017

 440001

 280001

 000000

 F3728A

 F3728A

 F35A76

 F38A9E

 F34162

 F3A3B2

 F3294F

 F3BBC5

 F3113B

 F3D3D9

 F3002D

 F3EBED

 F3FFFF

# Harmonies

## Analogous

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



E376BA



F3728A



EA7D5E

# Triad

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



F3728A



70AA52



00A8F5

# Complementary

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



F3728A



72F3DB

# 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.



00B0D9



F3728A



0BB17D

# Square

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



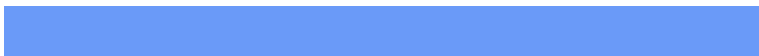
F3728A



A49F39



00B3AE



6A9AF8

# Rectangle

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



F3728A



D98948



00B3AE



00ACEE



# Sweetspot

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



F3728A



FFD6DE



D972F3



80676C



000000



808080



# Same Dimension

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



F3728A



FF5C7A



F39972



7A6E70



BA0023



3B000B



# Inverse Universe

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



F3728A



FF5C7A



72CCF3



7A6E70



BA0023



3B000B



# Previews

## White Background



This preview shows how the Hex color F3728A looks on a white background.

## Color Contrast Check

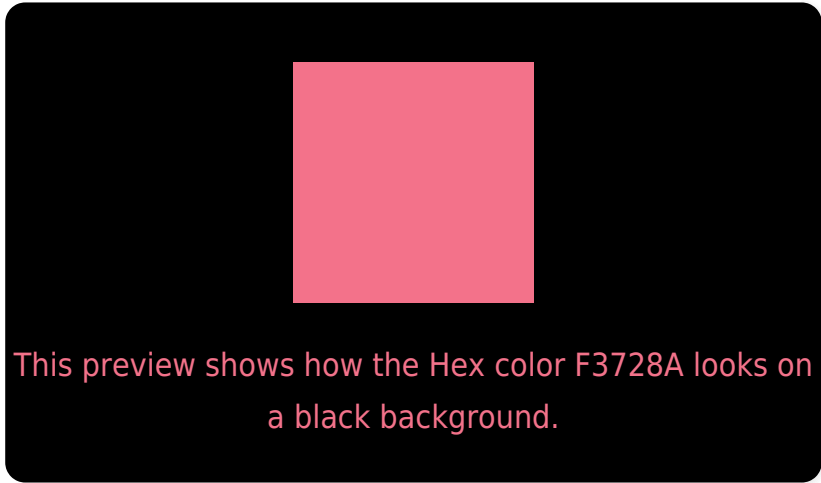
Large Text (above 18pt) WCAG AA × Fail

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 F3728A Background



This preview shows how black text looks on a background with the Hex color F3728A.

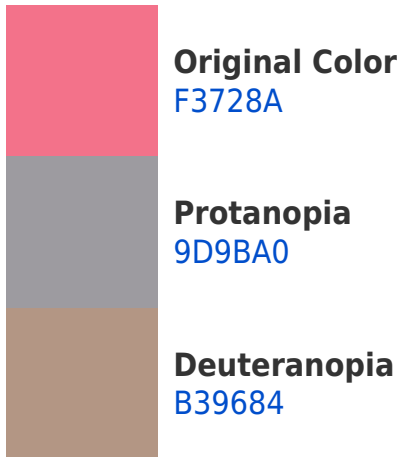



This preview shows how white text looks on a background with the Hex color F3728A.

# 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](#).

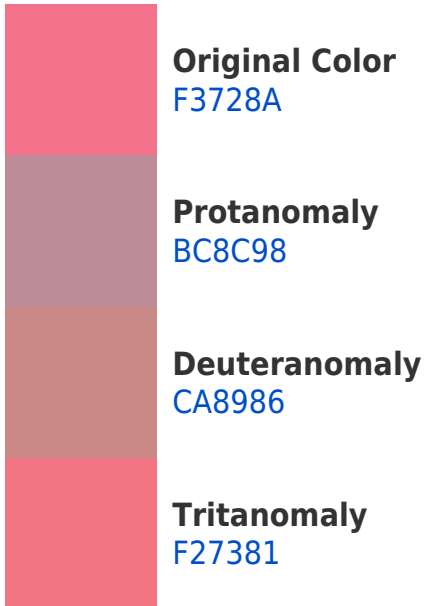
## Dichromacy



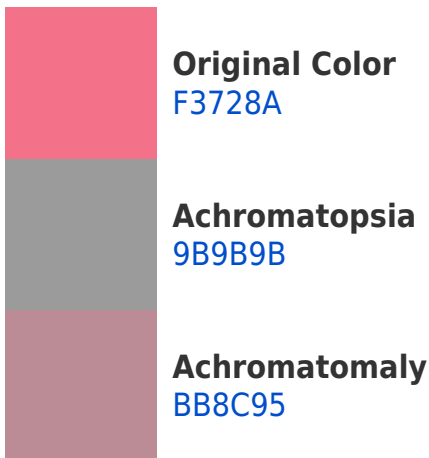


**Tritanopia**  
F2747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3728A 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 #F3728A looks like.

```
.text, #text, p{  
  color:#F3728A  
}
```

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 #F3728A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3728A
}
```

## Border

The CSS property to change the border of an element to Hex F3728A 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
#F3728A }
```

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

```
.border{ border-color:#F3728A }
```

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

Here you see how a box with a 4 pixel #F3728A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3728A; -webkit-box-shadow:4px 4px  
4px 4px #F3728A; box-shadow:4px 4px 4px  
4px #F3728A }
```

# Background

The CSS property to change the background color of an element to Hex F3728A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3728A }
```

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

```
.background{ background-color:#F3728A }
```

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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