

# Converting Colors

Hex(F7247B)

Have a look what the booklet for  
Hex(F7247B) contains.

<b>Hex(F7247B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F7247B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7247B
RGB	247, 36, 123
RGB Percent	97%, 14%, 48%
CMY	0.0314, 0.8588, 0.5176
CMYK	0.00, 0.85, 0.50, 0.03
HSL	335°, 93%, 55%
HSV	335°, 85%, 97%
XYZ	42.5638, 22.4660, 20.8319
YIQ	109.0070, 97.8290, 71.7890

# Conversions

## Conversions Part 2

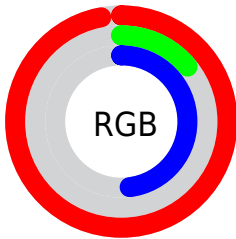
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 36, 123
Decimal	16196731
CIE <sub>Lab</sub>	54.52, 78.58, 6.34
CIE <sub>LCh</sub>	55, 78.833, 4.612
Yxy	22.4660, 0.4957, 0.2617
Android (android.graphics.Color)	4294386811 (0xFF7247B)
YUV	109.0070, 6.8985, 121.0199
Hunter-Lab	47.3983, 77.3465, 7.1204

# Details

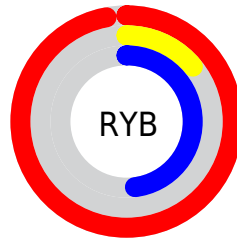
The Hex color **F7247B** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **24F7A0**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6DAF**, and **B8004B** is the 20% darker color. If you saturate the color by 10%, you get **F70B6C**, and if you desaturate by 10%, it is **F73D8A**.

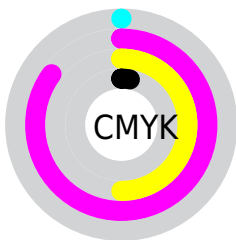
# Distribution



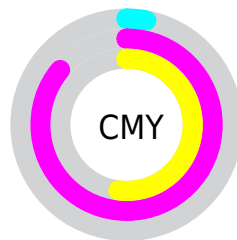
- Red (97%)
- Green (14%)
- Blue (48%)



- Red (97%)
- Yellow (14%)
- Blue (48%)



- Cyan (0%)
- Magenta (85%)
- Yellow (50%)
- Black (3%)



- Cyan (3%)
- Magenta (86%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7247B 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 F7247B by changing the saturation by 10% instead.



 F7247B

 F7247B

FFFFFF

 D70062

 FF6DAF

 B8004B

 FF8BCA

 990035

 FFA9E7

 7A0020

 FFC7FF

 5C0007

 FFE6FF

 3D0003

 180001

 000000

 F7247B

 F7247B

 F70B6C

 F73D8A

 F70066

 F75598

 F76EA7

 F787B5

 F7A0C4

 F7B8D2

 F7D1E1

 F7EAEF

 F7FFFE

# Harmonies

## Analogous

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



DA41BE



F7247B



EF4239

# Triad

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



F7247B



4B9400



0099FE

# Complementary

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



F7247B



24F7A0

# 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.



009FCF



F7247B



009C43

# Square

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



F7247B



958300



009F8B



0088FF

# Rectangle

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



F7247B



D95C00



009F8B



009CF2



# Sweetspot

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



F7247B



FFBDD8



9F24F7



805868



000000



808080



# Same Dimension

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



F7247B



FF0069



F73624



7A6E73



BA004D



3B0018



# Inverse Universe

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



F7247B



FF0069



24E5F7



7A6E73



BA004D



3B0018



# Previews

## White Background



This preview shows how the Hex color F7247B looks on a white background.

## Color Contrast Check

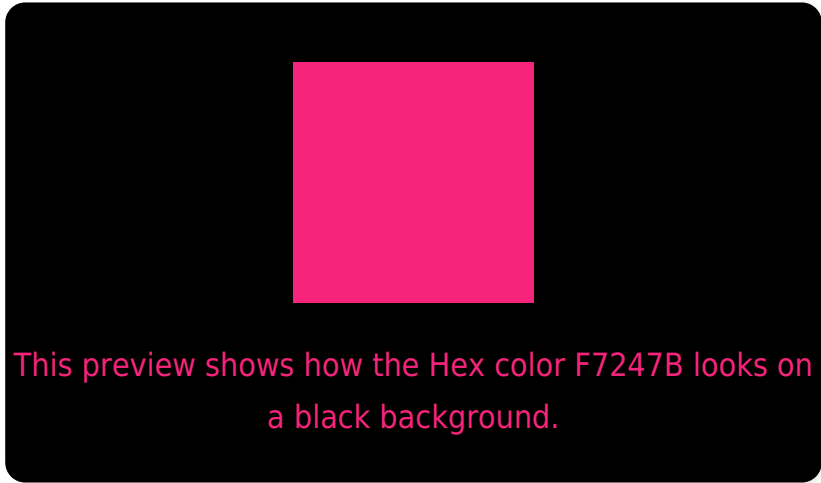
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F7247B Background



This preview shows how black text looks on a background with the Hex color F7247B.

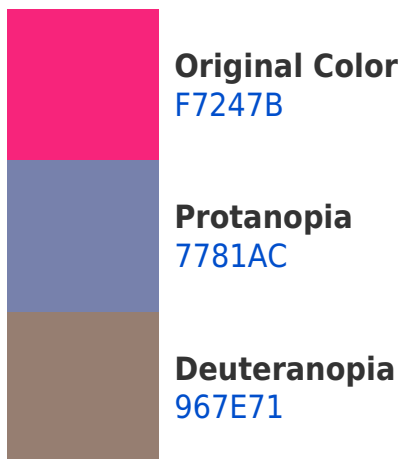


This preview shows how white text looks on a background with the Hex color F7247B.

# 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**  
F43A3B

# Trichromacy



**Original Color**  
F7247B



**Protanomaly**  
A65F9A



**Deuteranomaly**  
B95D75

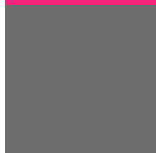


**Tritanomaly**  
F53252

# Monochromacy



**Original Color**  
F7247B



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
9F5272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7247B 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 #F7247B looks like.

```
.text, #text, p{  
    color:#F7247B  
}
```

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 #F7247B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7247B
}
```

## Border

The CSS property to change the border of an element to Hex F7247B 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
#F7247B }
```

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

```
.border{ border-color:#F7247B }
```

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

Here you see how a box with a 4 pixel #F7247B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7247B; -webkit-box-shadow:4px 4px  
4px 4px #F7247B; box-shadow:4px 4px 4px  
4px #F7247B }
```

# Background

The CSS property to change the background color of an element to Hex F7247B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7247B }
```

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

```
.background{ background-color:#F7247B }
```

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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