

Converting Colors

Hex(F291AE)

Have a look what the booklet for
Hex(F291AE) contains.

Hex(F291AE)	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(F291AE)

Conversions

Conversions Part 1

Format	Color
Hex	F291AE
RGB	242, 145, 174
RGB Percent	95%, 57%, 68%
CMY	0.0510, 0.4314, 0.3176
CMYK	0.00, 0.40, 0.28, 0.05
HSL	342°, 79%, 76%
HSV	342°, 40%, 95%
XYZ	54.3833, 42.1840, 45.3204
YIQ	177.3090, 48.5030, 29.5830

Conversions

Conversions Part 2

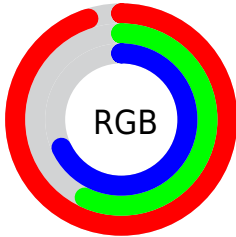
Format	Color
RYB	242, 145, 174
Decimal	15897006
CIELab	71.00, 40.10, 0.67
CIELCh	71, 40.109, 0.954
Yxy	42.1840, 0.3833, 0.2973
Android (android.graphics.Color)	4294087086 (0xFFFF291AE)
YUV	177.3090, -1.6313, 56.7340
Hunter-Lab	64.9492, 35.8005, 4.0930

Details

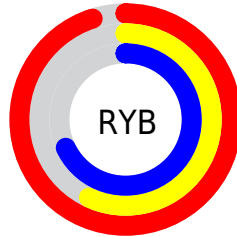
The Hex color **F291AE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91F2D5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFC8E5**, and **B85C7A** is the 20% darker color. If you saturate the color by 10%, you get **F2799D**, and if you desaturate by 10%, it is **F2A9BF**.

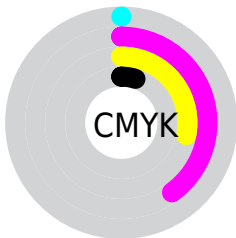
Distribution



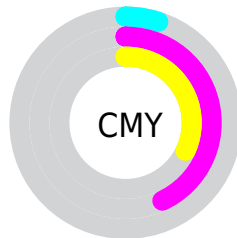
- Red (95%)
- Green (57%)
- Blue (68%)



- Red (95%)
- Yellow (57%)
- Blue (68%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color F291AE 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 F291AE by changing the saturation by 10% instead.

 F291AE

 F291AE

FFFFFF

 D57693

 FFC8E5

 B85C7A

 FFE5FF

 9B4361

 802949

 650C33

 4A001E

 340004

 030000

 000000

 F291AE

 F291AE

 F2799D

 F2A9BF

 F2618C

 F2C1D0

 F2487B

 F2DAE1

 F2306A

 F2F2F2

 F21859

 F2FFFF

 F20048

Harmonies

Analogous

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



DD97D2



F291AE



F3948A

Triad

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



F291AE



9EB76E



2FBBED

Complementary

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



F291AE



91F2D5

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.



00C0D2



F291AE



72BE89

Square

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



F291AE



C4AC64



3CC1AE



79B1F6

Rectangle

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



F291AE



E99B76



3CC1AE



07BDE5

Sweetspot

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



F291AE



FFE0EA



D591F2



806E73



000000



808080

Same Dimension

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



F291AE



FF85A9



F2A491



786C6F



B80037



380011

Inverse Universe

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



F291AE



FF85A9



91DFF2



786C6F



B80037



380011

Previews

White Background



This preview shows how the Hex color F291AE looks on a white background.

Color Contrast Check

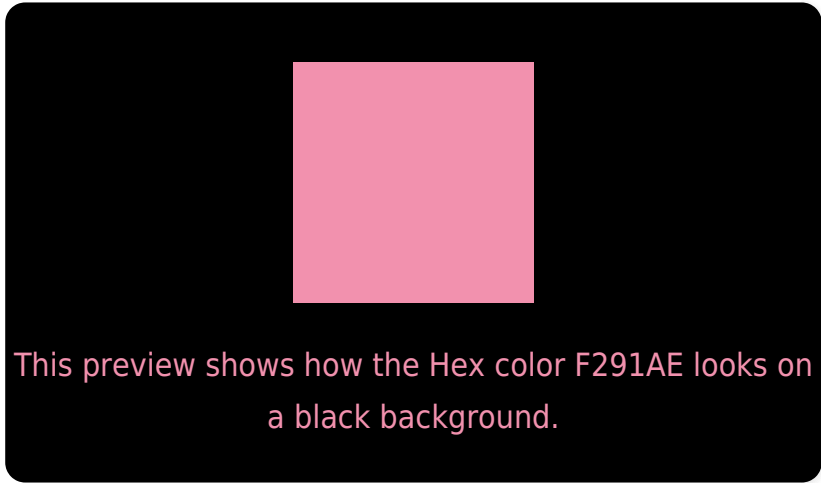
Large Text (above 18pt) WCAG AA × Fail

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 F291AE Background



This preview shows how black text looks on a background with the Hex color F291AE.

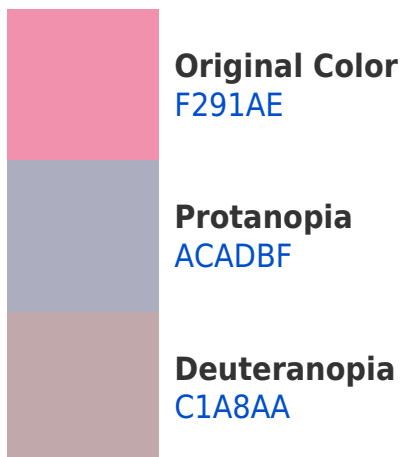


This preview shows how white text looks on a background with the Hex color F291AE.

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](#).

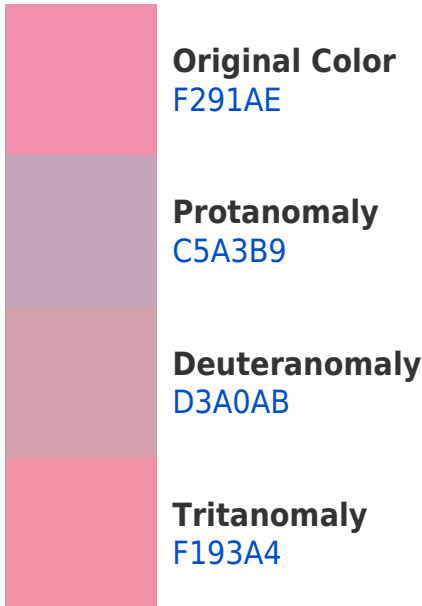
Dichromacy



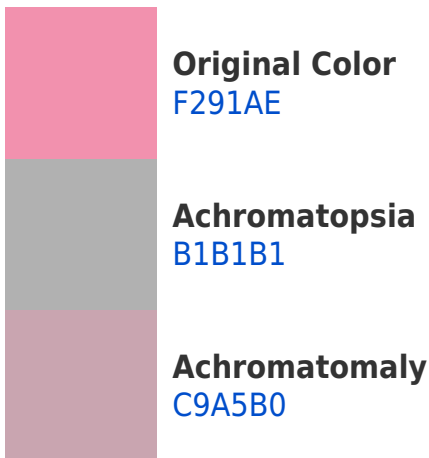


Tritanopia
F1949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F291AE 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 #F291AE looks like.

```
.text, #text, p{  
    color:#F291AE  
}
```

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 #F291AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F291AE }  
}
```

Border

The CSS property to change the border of an element to Hex F291AE 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 #F291AE }  
}
```

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

```
.border{ border-color:#F291AE }
```

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

Here you see how a box with a 4 pixel #F291AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F291AE; -webkit-box-shadow:4px 4px  
4px 4px #F291AE; box-shadow:4px 4px 4px  
4px #F291AE }
```

Background

The CSS property to change the background color of an element to Hex F291AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F291AE }
```

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

```
.background{ background-color:#F291AE }
```

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