

Converting Colors

Hex(CF299F)

Have a look what the booklet for
Hex(CF299F) contains.

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Color

Hex(CF299F)

Conversions

Conversions Part 1

Format	Color
Hex	CF299F
RGB	207, 41, 159
RGB Percent	81%, 16%, 62%
CMY	0.1882, 0.8392, 0.3765
CMYK	0.00, 0.80, 0.23, 0.19
HSL	317°, 67%, 49%
HSV	317°, 80%, 81%
XYZ	32.7831, 17.3545, 34.4228
YIQ	104.0860, 61.0580, 71.8900

Conversions

Conversions Part 2

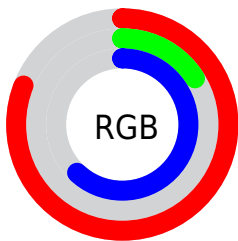
Format	Color
R_{YB}	207, 41, 159
Decimal	13576607
CIE _{Lab}	48.70, 71.76, -24.69
CIE _{LCh}	49, 75.884, 341.013
Yxy	17.3545, 0.3877, 0.2052
Android (android.graphics.Color)	4291766687 (0xFFCF299F)
YUV	104.0860, 27.0726, 90.2556
Hunter-Lab	41.6587, 67.5668, -19.8305

Details

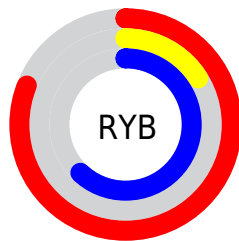
The Hex color **CF299F** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark muted rose. A complement of this color would be **29CF59**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6AD6**, and **94006B** is the 20% darker color. If you saturate the color by 10%, you get **CF1499**, and if you desaturate by 10%, it is **CF3EA5**.

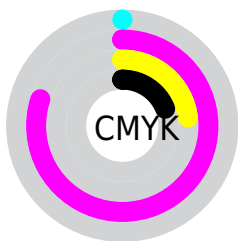
Distribution



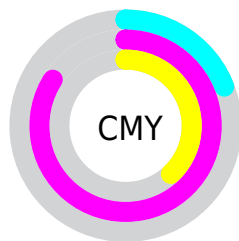
- Red (81%)
- Green (16%)
- Blue (62%)



- Red (81%)
- Yellow (16%)
- Blue (62%)



- Cyan (0%)
- Magenta (80%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF299F 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 CF299F by changing the saturation by 10% instead.

 CF299F

 CF299F

FFFFFF

 B10085

 FF6AD6

 94006B

 FF87F2

 770053

 FFA5FF

 5B003B

 FFC2FF

 410026

 FFE0FF

 23000D

FFFEFF

 000000

 CF299F

 CF299F

 CF1499

 CF3EA5

 CF0093

 CF52AB

 CF67B1

 CF7CB7

 CF91BD

 CFA5C3

 CFBAC9

 CFCFCF

 CFE3D5

Harmonies

Analogous

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



9155D6



CF299F



E2115F

Triad

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



CF299F



777900



008EC7

Complementary

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



CF299F



29CF59

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.



008F8B



CF299F



258600

Square

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



CF299F



AD6100



008C47



0086EE

Rectangle

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



CF299F



DB2F36



008C47



008FB5

Sweetspot

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



CF299F



FFC2ED



5829CF



805B75



000000



808080

Same Dimension

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



CF299F



FF0AB8



CF294D



695E66



A80078



29001D

Inverse Universe

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



CF299F



FF0AB8



29CFAB



695E66



A80078



29001D

Previews

White Background



This preview shows how the Hex color CF299F looks on a white background.

Color Contrast Check

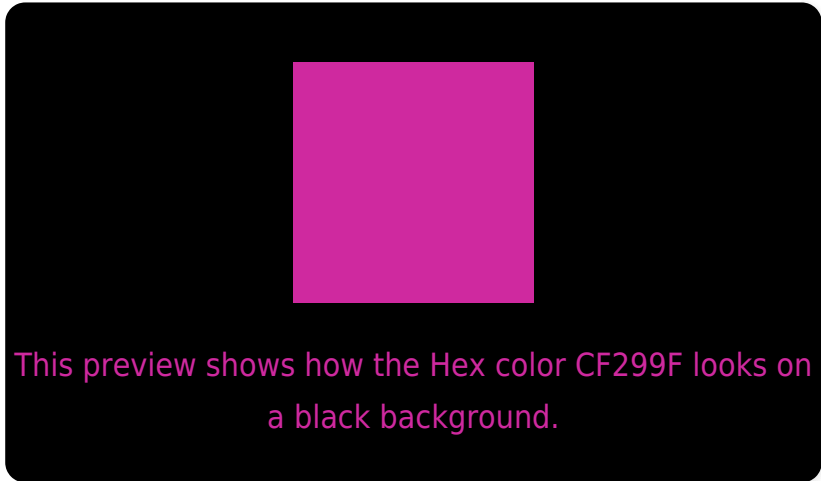
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex CF299F Background



This preview shows how black text looks on a background with the Hex color CF299F.

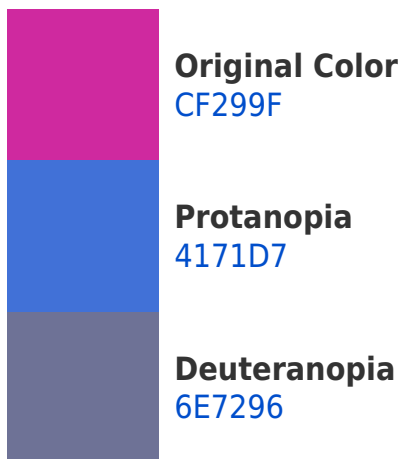



This preview shows how white text looks on a background with the Hex color CF299F.

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
C8474C

Trichromacy



Original Color
CF299F



Protanomaly
7557C3



Deuteranomaly
915799



Tritanomaly
CB3C6A

Monochromacy



Original Color
CF299F



Achromatopsia
686868



Achromatomaly
8D517C

CSS Examples

Text

The CSS property to change the color of the text to Hex CF299F 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 #CF299F looks like.

```
.text, #text, p{  
    color:#CF299F  
}
```

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 #CF299F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF299F
}
```

Border

The CSS property to change the border of an element to Hex CF299F 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
#CF299F }
```

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

```
.border{ border-color:#CF299F }
```

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

Here you see how a box with a 4 pixel #CF299F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF299F; -webkit-box-shadow:4px 4px  
4px 4px #CF299F; box-shadow:4px 4px 4px  
4px #CF299F }
```

Background

The CSS property to change the background color of an element to Hex CF299F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF299F }
```

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

```
.background{ background-color:#CF299F }
```

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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