

# Converting Colors

Hex(BF296A)

Have a look what the booklet for  
Hex(BF296A) contains.

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**Color**

**Hex(BF296A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF296A
RGB	191, 41, 106
RGB Percent	75%, 16%, 42%
CMY	0.2510, 0.8392, 0.5843
CMYK	0.00, 0.79, 0.45, 0.25
HSL	334°, 65%, 45%
HSV	334°, 79%, 75%
XYZ	24.8803, 13.7028, 14.9692
YIQ	93.2600, 68.5350, 52.0150

# Conversions

## Conversions Part 2

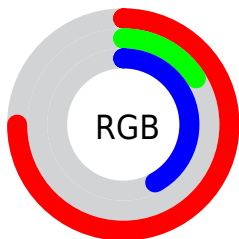
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 41, 106
Decimal	12527978
CIE <sub>Lab</sub>	43.80, 62.07, -0.11
CIE <sub>LCh</sub>	44, 62.073, 359.896
Yxy	13.7028, 0.4646, 0.2559
Android (android.graphics.Color)	4290718058 (0xFFBF296A)
YUV	93.2600, 6.2808, 85.7180
Hunter-Lab	37.0174, 55.1940, 1.9362

# Details

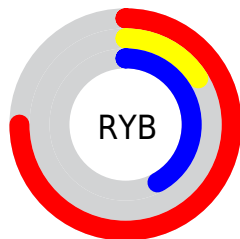
The Hex color **BF296A** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **29BF7E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FC669D**, and **84003B** is the 20% darker color. If you saturate the color by 10%, you get **BF165F**, and if you desaturate by 10%, it is **BF3C75**.

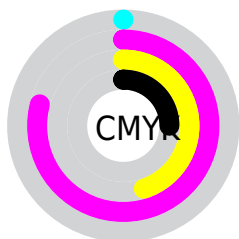
# Distribution



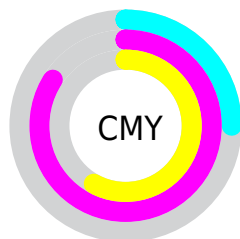
- Red (75%)
- Green (16%)
- Blue (42%)



- Red (75%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (79%)
- Yellow (45%)
- Black (25%)



- Cyan (25%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF296A 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 BF296A by changing the saturation by 10% instead.



 BF296A

 BF296A

FFFFFF

 A10052

 FC669D

 84003B

 FF82B8

 670026

 FF9FD4

 4B0011

 FFBBF0

 2F0002

 FFD8FF

 000000

 FFF6FF

 BF296A

 BF296A

 BF165F

 BF3C75

 BF0354

 BF4F80

 BF0053

 BF628A

 BF7595

 BF89A0

 BF9CAB

 BFAFB6

 BFC2C1

 BFD5CB

# Harmonies

## Analogous

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



A43E9C



BF296A



BD3638

# Triad

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



BF296A



4A7300



007AC1

# Complementary

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



BF296A



29BF7E

# 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.



007E9A



BF296A



007B30

# Square

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



BF296A



7E6500



007E66



006ED0

# Rectangle

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



BF296A



AF4716



007E66



007CB6



# Sweetspot

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



BF296A



F7BCD6



7E29BF



7D5968



FCFCFC



7D7D7D



# Same Dimension

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



BF296A



F70F74



BF3329



5E5559



9E0045



1F000D



# Inverse Universe

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



BF296A



F70F74



29B5BF



5E5559



9E0045



1F000D



# Previews

## White Background



This preview shows how the Hex color BF296A looks on a white background.

## Color Contrast Check

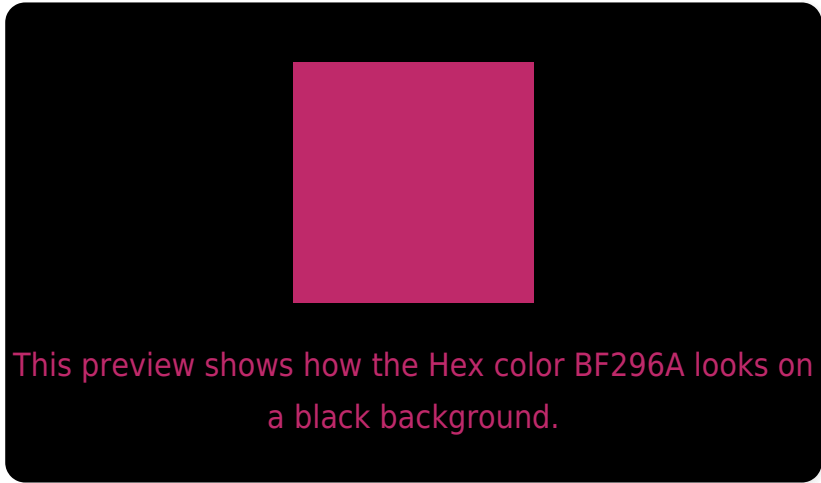
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF296A Background



This preview shows how black text looks on a background with the Hex color BF296A.



This preview shows how white text looks on a background with the Hex color BF296A.

# 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



**Original Color**  
BF296A

**Protanopia**  
5D678F

**Deuteranopia**  
756563



# Trichromacy



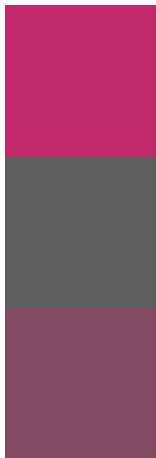
**Original Color**  
BF296A

**Protanomaly**  
815082

**Deuteranomaly**  
904F66

**Tritanomaly**  
BD324B

# Monochromacy



**Original Color**  
BF296A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
814A62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF296A 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 #BF296A looks like.

```
.text, #text, p{  
    color:#BF296A  
}
```

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 #BF296A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF296A
}
```

## Border

The CSS property to change the border of an element to Hex BF296A 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
#BF296A }
```

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

```
.border{ border-color:#BF296A }
```

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

Here you see how a box with a 4 pixel #BF296A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF296A; -webkit-box-shadow:4px 4px  
4px 4px #BF296A; box-shadow:4px 4px 4px  
4px #BF296A }
```

# Background

The CSS property to change the background color of an element to Hex BF296A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF296A }
```

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

```
.background{ background-color:#BF296A }
```

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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