

# Converting Colors

Hex(B2376F)

Have a look what the booklet for  
Hex(B2376F) contains.

<b>Hex(B2376F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B2376F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2376F
RGB	178, 55, 111
RGB Percent	70%, 22%, 44%
CMY	0.3020, 0.7843, 0.5647
CMYK	0.00, 0.69, 0.38, 0.30
HSL	333°, 53%, 46%
HSV	333°, 69%, 70%
XYZ	22.5955, 13.3451, 16.4239
YIQ	98.1610, 55.3320, 43.4920

# Conversions

## Conversions Part 2

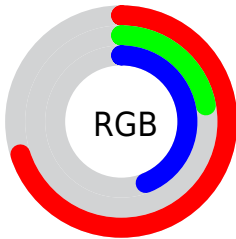
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 55, 111
Decimal	11679599
CIE <sub>Lab</sub>	43.28, 54.23, -4.26
CIE <sub>LCh</sub>	43, 54.396, 355.509
Yxy	13.3451, 0.4315, 0.2548
Android (android.graphics.Color)	4289869679 (0xFFB2376F)
YUV	98.1610, 6.3296, 70.0188
Hunter-Lab	36.5309, 46.4790, -1.0845

# Details

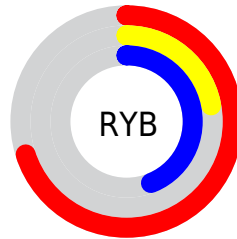
The Hex color **B2376F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **37B27A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **ED6EA3**, and **79003F** is the 20% darker color. If you saturate the color by 10%, you get **B22565**, and if you desaturate by 10%, it is **B24979**.

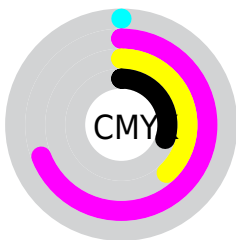
# Distribution



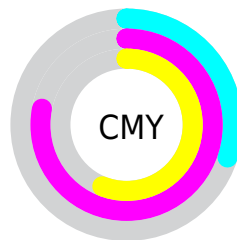
- Red (70%)
- Green (22%)
- Blue (44%)



- Red (70%)
- Yellow (22%)
- Blue (44%)



- Cyan (0%)
- Magenta (69%)
- Yellow (38%)
- Black (30%)



- Cyan (30%)
- Magenta (78%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2376F 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 B2376F by changing the saturation by 10% instead.



 B2376F

 B2376F

FFFFFF

 951657

 ED6EA3

 79003F

 FF8ABE

 5D002A

 FFA6D9

 420015

 FFC2F6

 270001

 FFDFFF

 000000

 FFFDFF

 B2376F

 B2376F

 B22565

 B24979

 B2135C

 B25B82

 B20252

 B26C8C

 B20051

 B27E96

 B2909F

 B2A2A9

 B2B4B3

 B2C5BD

 B2D7C6

# Harmonies

## Analogous

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



96489A



B2376F



B43C42

# Triad

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



B2376F



566F00



0077B0

# Complementary

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



B2376F



37B27A

# 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.



007B8C



B2376F



027730

# Square

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



B2376F



816200



007A5E



006EC1

# Rectangle

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



B2376F



AA4827



007A5E



0079A6



# Sweetspot

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



B2376F



E8B7CE



7937B2



755865



F5F5F5



757575



# Same Dimension

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



B2376F



E8277F



B23B37



595054



990046



1A000C



# Inverse Universe

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



B2376F



E8277F



37AEB2



595054



990046



1A000C



# Previews

## White Background



This preview shows how the Hex color B2376F looks on a white background.

## Color Contrast Check

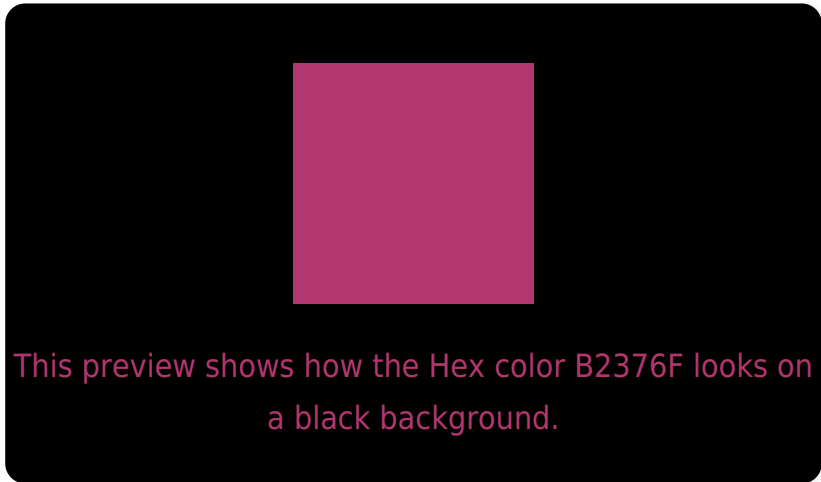
Large Text (above 18pt) WCAG AA ✓ Pass

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

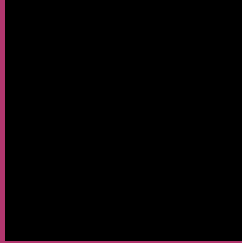
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B2376F Background



This preview shows how black text looks on a background with the Hex color B2376F.




This preview shows how white text looks on a background with the Hex color B2376F.

# 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**  
AF4145

# Trichromacy



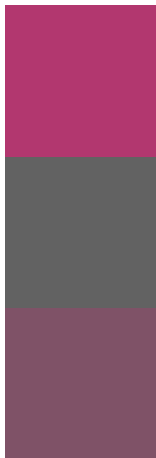
**Original Color**  
B2376F

**Protanomaly**  
7B5582

**Deuteranomaly**  
88546B

**Tritanomaly**  
B03D54

# Monochromacy



**Original Color**  
B2376F

**Achromatopsia**  
626262

**Achromatomaly**  
7F5267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2376F 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 #B2376F looks like.

```
.text, #text, p{  
    color:#B2376F  
}
```

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 #B2376F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2376F
}
```

## Border

The CSS property to change the border of an element to Hex B2376F is called "border". The border property can be set on classes, ids or directly on the HTML element.

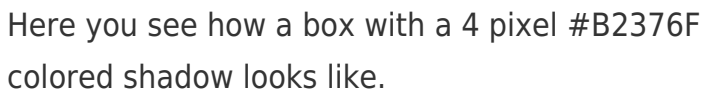
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2376F }
```

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

```
.border{ border-color:#B2376F }
```

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



Here you see how a box with a 4 pixel #B2376F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2376F; -webkit-box-shadow:4px 4px  
4px 4px #B2376F; box-shadow:4px 4px 4px  
4px #B2376F }
```

# Background

The CSS property to change the background color of an element to Hex B2376F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2376F }
```

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

```
.background{ background-color:#B2376F }
```

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