

# Converting Colors

Hex(B0386E)

Have a look what the booklet for  
Hex(B0386E) contains.

<b>Hex(B0386E)</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(B0386E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0386E
RGB	176, 56, 110
RGB Percent	69%, 22%, 43%
CMY	0.3098, 0.7804, 0.5686
CMYK	0.00, 0.68, 0.37, 0.31
HSL	333°, 52%, 45%
HSV	333°, 68%, 69%
XYZ	22.1331, 13.1842, 16.1301
YIQ	98.0360, 54.1860, 42.2340

# Conversions

## Conversions Part 2

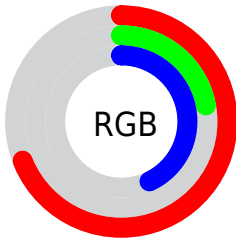
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 56, 110
Decimal	11548782
CIE Lab	43.04, 53.13, -4.03
CIE LCh	43, 53.285, 355.659
Yxy	13.1842, 0.4302, 0.2563
Android (android.graphics.Color)	4289738862 (0xFFB0386E)
YUV	98.0360, 5.8983, 68.3744
Hunter-Lab	36.3101, 45.2635, -0.9214

# Details

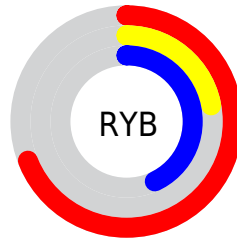
The Hex color **B0386E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **38B07A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **EB6FA1**, and **77003F** is the 20% darker color. If you saturate the color by 10%, you get **B02664**, and if you desaturate by 10%, it is **B04A78**.

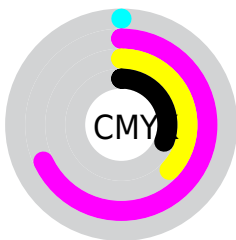
# Distribution



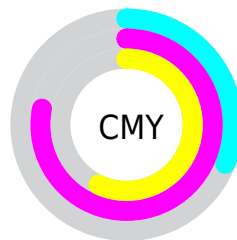
- Red (69%)
- Green (22%)
- Blue (43%)



- Red (69%)
- Yellow (22%)
- Blue (43%)



- Cyan (0%)
- Magenta (68%)
- Yellow (37%)
- Black (31%)



- Cyan (31%)
- Magenta (78%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0386E 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 B0386E by changing the saturation by 10% instead.



 B0386E

 B0386E

FFFFFF

 931856

 EB6FA1

 77003F

 FF8ABC

 5B0029

 FFA6D8

 410014

 FFC3F5

 250001

 FFDFFF

 000000

 FFFDFF

 B0386E

 B0386E

 B02664

 B04A78

 B0155B

 B05B81

 B00351

 B06D8B

 B0004F

 B07E95

 B0909E

 B0A2A8

 B0B3B2

 B0C5BB

 B0D6C5

# Harmonies

## Analogous

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



944898



B0386E



B23D42

# Triad

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



B0386E



566E02



0076AE

# Complementary

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



B0386E



38B07A

# 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.



007A8B



B0386E



077631

# Square

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



B0386E



806100



00795E



006DBE

# Rectangle

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



B0386E



A84928



00795E



0078A4



# Sweetspot

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



B0386E



E6B8CC



7A38B0



735764



F2F2F2



737373



# Same Dimension

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



B0386E



E6297E



B03E38



595054



990045



1A000B



# Inverse Universe

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



B0386E



E6297E



38AAB0



595054



990045



1A000B



# Previews

## White Background



This preview shows how the Hex color B0386E looks on a white background.

## Color Contrast Check

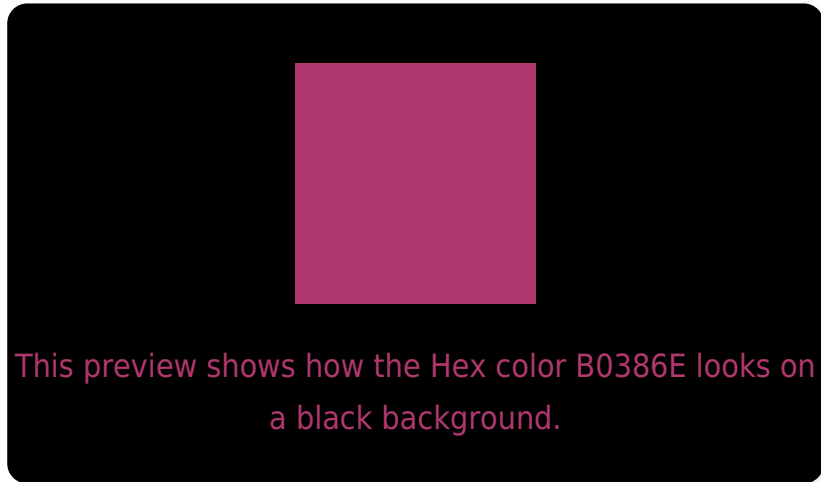
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0386E Background



This preview shows how black text looks on a background with the Hex color B0386E.



This preview shows how white text looks on a background with the Hex color B0386E.

# 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





# Trichromacy



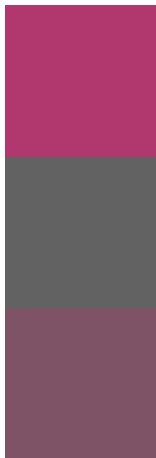
**Original Color**  
B0386E

**Protanomaly**  
7A5580

**Deuteranomaly**  
87536A

**Tritanomaly**  
AE3E55

# Monochromacy



**Original Color**  
B0386E

**Achromatopsia**  
626262

**Achromatomaly**  
7E5366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0386E 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 #B0386E looks like.

```
.text, #text, p{  
    color:#B0386E  
}
```

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 #B0386E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0386E
}
```

## Border

The CSS property to change the border of an element to Hex B0386E is called "border". The border property can be set on classes, ids or directly on the HTML element.

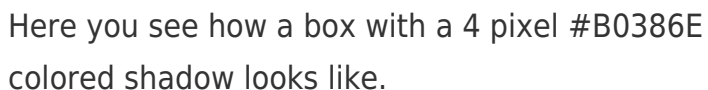
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0386E }
```

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

```
.border{ border-color:#B0386E }
```

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



Here you see how a box with a 4 pixel `#B0386E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0386E; -webkit-box-shadow:4px 4px  
4px 4px #B0386E; box-shadow:4px 4px 4px  
4px #B0386E }
```

# Background

The CSS property to change the background color of an element to Hex B0386E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0386E }
```

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

```
.background{ background-color:#B0386E }
```

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