

# Converting Colors

Hex(B2676D)

Have a look what the booklet for  
Hex(B2676D) contains.

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# Color

Hex(**B2676D**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2676D
RGB	178, 103, 109
RGB Percent	70%, 40%, 43%
CMY	0.3020, 0.5961, 0.5725
CMYK	0.00, 0.42, 0.39, 0.30
HSL	355°, 33%, 55%
HSV	355°, 42%, 70%
XYZ	25.9707, 20.2696, 17.0116
YIQ	126.1090, 42.7740, 17.7660

# Conversions

## Conversions Part 2

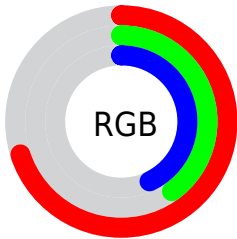
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 103, 109
Decimal	11691885
CIE <sub>Lab</sub>	52.14, 30.74, 9.77
CIE <sub>LCh</sub>	52, 32.257, 17.622
Yxy	20.2696, 0.4106, 0.3205
Android (android.graphics.Color)	4289881965 (0xFFB2676D)
YUV	126.1090, -8.4347, 45.5084
Hunter-Lab	45.0218, 24.1790, 9.1123

# Details

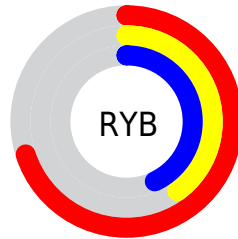
The Hex color **B2676D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67B2AC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **EC9BA0**, and **7B363E** is the 20% darker color. If you saturate the color by 10%, you get **B2555D**, and if you desaturate by 10%, it is **B2797D**.

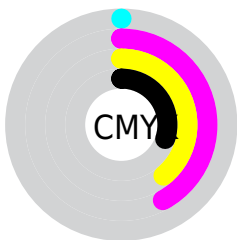
# Distribution



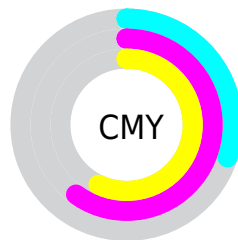
- Red (70%)
- Green (40%)
- Blue (43%)



- Red (70%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (39%)
- Black (30%)



- Cyan (30%)
- Magenta (60%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2676D 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 B2676D by changing the saturation by 10% instead.



 B2676D

 B2676D

FFFFFF

 964E55

 EC9BA0

 7B363E

 FFB6BB

 601E28

 FFD2D7

 460414

 FFEFF3

 2F0000

 000000

 B2676D

 B2676D

 B2555D

 B2797D

 B2434C

 B28B8E

 B2323C

 B29C9E

 B2202B

 B2AEAF

 B20E1B

 B2C0BF

 B2000E

 B2D2CF

 B2E4E0

 B2F5F0

 B2FFFF

# Harmonies

## Analogous

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



AB6889



B2676D



AB6D55

# Triad

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



B2676D



5F8756



3C83B2

# Complementary

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



B2676D



67B2AC

# 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.



0088A4



B2676D



398A70

# Square

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



B2676D



7E8047



008B8C



6E79B1

# Rectangle

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



B2676D



9F734A



008B8C



2785AF



# Sweetspot

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



B2676D



E8CACC



AC67B2



756364



F5F5F5



757575



# Same Dimension

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



B2676D



E8727B



B28667



595051



99000C



1A0002



# Inverse Universe

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



B2676D



E8727B



6793B2



595051



99000C

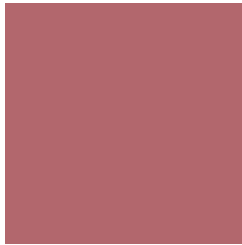


1A0002



# Previews

## White Background



This preview shows how the Hex color B2676D looks on a white background.

## Color Contrast Check

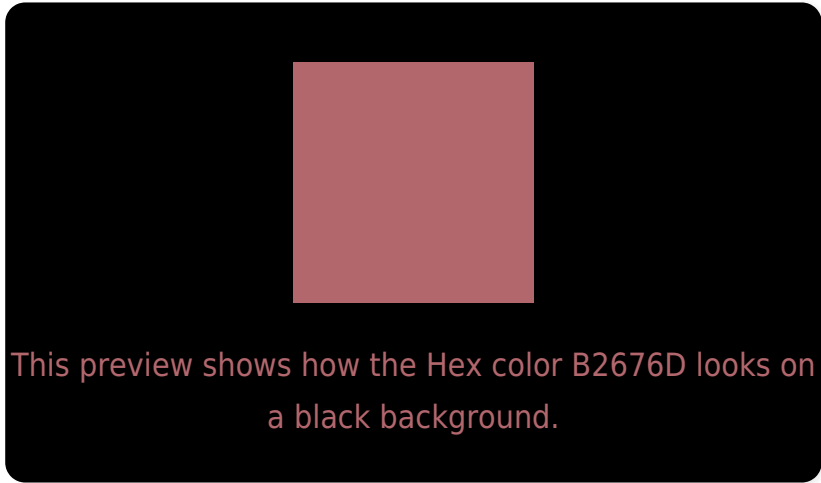
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Hex B2676D Background



This preview shows how black text looks on a background with the Hex color B2676D.



This preview shows how white text looks on a background with the Hex color B2676D.

# 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**  
B2676D

**Protanopia**  
807C78

**Deuteranopia**  
90786A



**Tritanopia**  
B2676E

# Trichromacy



**Original Color**  
B2676D

**Protanomaly**  
927474

**Deuteranomaly**  
9C726B

**Tritanomaly**  
B2676E

# Monochromacy



**Original Color**  
B2676D

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
917678

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2676D 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 #B2676D looks like.

```
.text, #text, p{  
    color:#B2676D  
}
```

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 #B2676D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2676D }
}
```

## Border

The CSS property to change the border of an element to Hex B2676D is called "border". The border property can be set on classes, ids or directly on the HTML element.

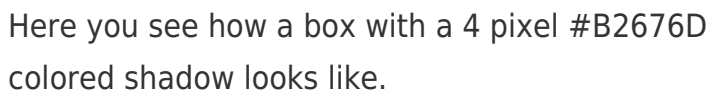
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B2676D }
}
```

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

```
.border{ border-color:#B2676D }
```

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



Here you see how a box with a 4 pixel #B2676D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2676D; -webkit-box-shadow:4px 4px  
4px 4px #B2676D; box-shadow:4px 4px 4px  
4px #B2676D }
```

# Background

The CSS property to change the background color of an element to Hex B2676D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2676D }
```

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

```
.background{ background-color:#B2676D }
```

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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