

# Converting Colors

Hex(B02658)

Have a look what the booklet for  
Hex(B02658) contains.

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# Color

**Hex(B02658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B02658
RGB	176, 38, 88
RGB Percent	69%, 15%, 35%
CMY	0.3098, 0.8510, 0.6549
CMYK	0.00, 0.78, 0.50, 0.31
HSL	338°, 64%, 42%
HSV	338°, 78%, 69%
XYZ	20.3591, 11.3209, 10.3446
YIQ	84.9620, 66.1980, 44.8060

# Conversions

## Conversions Part 2

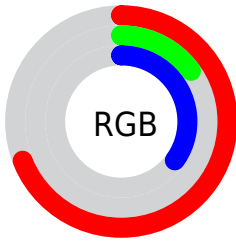
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 38, 88
Decimal	11544152
CIE Lab	40.12, 57.29, 5.49
CIE LCh	40, 57.548, 5.475
Yxy	11.3209, 0.4845, 0.2694
Android (android.graphics.Color)	4289734232 (0xFFB02658)
YUV	84.9620, 1.4977, 79.8403
Hunter-Lab	33.6466, 49.1263, 5.3239

# Details

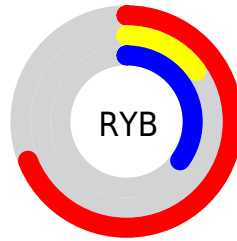
The Hex color **B02658** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **26B07E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EC618A**, and **75002B** is the 20% darker color. If you saturate the color by 10%, you get **B0144D**, and if you desaturate by 10%, it is **B03863**.

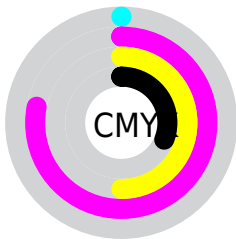
# Distribution



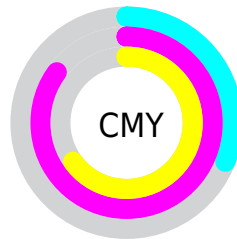
- Red (69%)
- Green (15%)
- Blue (35%)



- Red (69%)
- Yellow (15%)
- Blue (35%)



- Cyan (0%)
- Magenta (78%)
- Yellow (50%)
- Black (31%)



- Cyan (31%)
- Magenta (85%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B02658 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 B02658 by changing the saturation by 10% instead.



 B02658

 B02658

FFFFFF

 920041

 EC618A

 75002B

 FF7DA4

 590017

 FF99BF

 3F0003

 FFB5DB

 1C0001

 FFD2F7

 000000

 FFEFFF

 B02658

 B02658

 B0144D

 B03863

 B00342

 B0496E

 B00040

 B05B7A

 B06C85

 B07E90

 B0909B

 B0A1A7

 B0B3B2

 B0C4BD

# Harmonies

## Analogous

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



9C3486



B02658



AA362B

# Triad

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



B02658



396B00



006EB4

# Complementary

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



B02658



26B07E

# 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.



007394



B02658



007135

# Square

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



B02658



6B5F00



007366



0062BD

# Rectangle

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



B02658



9B460A



007366



0070AC



# Sweetspot

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



B02658



E6AEC2



7D26B0



73515E



F2F2F2



737373



# Same Dimension

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



B02658



E60E5C



B03826



595054



990037



1A0009



# Inverse Universe

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



B02658



E60E5C



269EB0



595054



990037



1A0009



# Previews

## White Background



This preview shows how the Hex color B02658 looks on a white background.

## Color Contrast Check

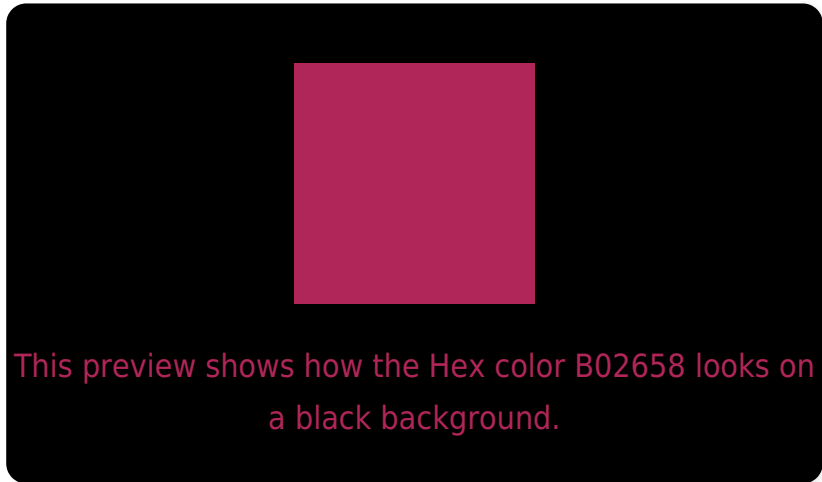
Large Text (above 18pt) WCAG AA ✓ Pass

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 B02658 Background



This preview shows how black text looks on a background with the Hex color B02658.

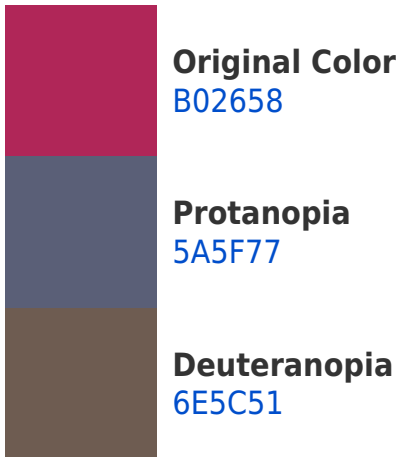


This preview shows how white text looks on a background with the Hex color B02658.

# 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



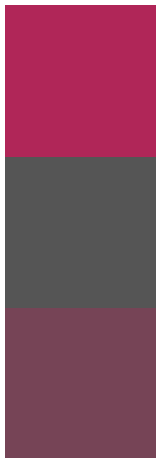
**Original Color**  
B02658

**Protanomaly**  
794A6C

**Deuteranomaly**  
864854

**Tritanomaly**  
AF2C40

# Monochromacy



**Original Color**  
B02658

**Achromatopsia**  
555555

**Achromatomaly**  
764456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B02658 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 #B02658 looks like.

```
.text, #text, p{  
    color:#B02658  
}
```

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 #B02658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B02658
}
```

## Border

The CSS property to change the border of an element to Hex B02658 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
#B02658 }
```

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

```
.border{ border-color:#B02658 }
```

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

Here you see how a box with a 4 pixel #B02658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B02658; -webkit-box-shadow:4px 4px  
4px 4px #B02658; box-shadow:4px 4px 4px  
4px #B02658 }
```

# Background

The CSS property to change the background color of an element to Hex B02658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B02658 }
```

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

```
.background{ background-color:#B02658 }
```

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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