

# Converting Colors

Hex(B2598E)

Have a look what the booklet for  
Hex(B2598E) contains.

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# Color

**Hex(B2598E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B2598E</a>
RGB	<a href="#">178, 89, 142</a>
RGB Percent	<a href="#">70%, 35%, 56%</a>
CMY	<a href="#">0.3020, 0.6510, 0.4431</a>
CMYK	<a href="#">0.00, 0.50, 0.20, 0.30</a>
HSL	<a href="#">324°, 37%, 52%</a>
HSV	<a href="#">324°, 50%, 70%</a>
XYZ	<a href="#">26.8150, 18.5627, 27.7608</a>
YIQ	<a href="#">121.6530, 36.0310, 35.3510</a>

# Conversions

## Conversions Part 2

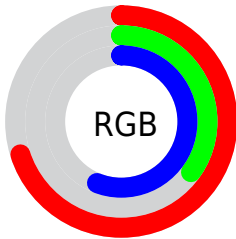
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 89, 142
Decimal	11688334
CIE Lab	50.17, 42.71, -12.73
CIE LCh	50, 44.566, 343.401
Yxy	18.5627, 0.3666, 0.2538
Android (android.graphics.Color)	4289878414 (0xFFB2598E)
YUV	121.6530, 10.0311, 49.4163
Hunter-Lab	43.0845, 35.6971, -8.0435

# Details

The Hex color **B2598E** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59B27D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **EC8EC4**, and **7B255C** is the 20% darker color. If you saturate the color by 10%, you get **B24787**, and if you desaturate by 10%, it is **B26B95**.

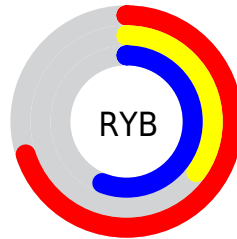
# Distribution



Red (70%)

Green (35%)

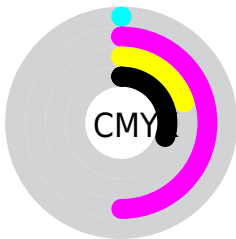
Blue (56%)



Red (70%)

Yellow (35%)

Blue (56%)

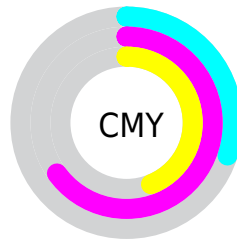


Cyan (0%)

Magenta (50%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (65%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2598E 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 B2598E by changing the saturation by 10% instead.



 B2598E

 B2598E

FFFFFF

 963F74

 EC8EC4

 7B255C

 FFA9E0

 600544

 FFC5FC

 46002E

 FFE1FF

 31001A

 010000

 000000

 B2598E

 B2598E

 B24787

 B26B95

 B23580

 B27D9C

 B22478

 B28EA4

 B21271

 B2A0AB

 B2006A

 B2B2B2

 B2C4B9

 B2D6C0

 B2E7C8

 B2F9CF

# Harmonies

## Analogous

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



9066AF



B2598E



BE5668

# Triad

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



B2598E



7C7B29



0088AB

# Complementary

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



B2598E



59B27D

# 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.



008A88



B2598E



52843E

# Square

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



B2598E



9E6E2C



008960



0081C0

# Rectangle

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



B2598E



BA5B50



008960



0089A0



# Sweetspot

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



B2598E



E8C5DA



7D59B2



75606D



F5F5F5



757575



# Same Dimension

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



B2598E



E85DB0



B25962



595056



99005B



1A000F



# Inverse Universe

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



B2598E



E85DB0



59B2A9



595056



99005B



1A000F



# Previews

## White Background



This preview shows how the Hex color B2598E looks on a white background.

## Color Contrast Check

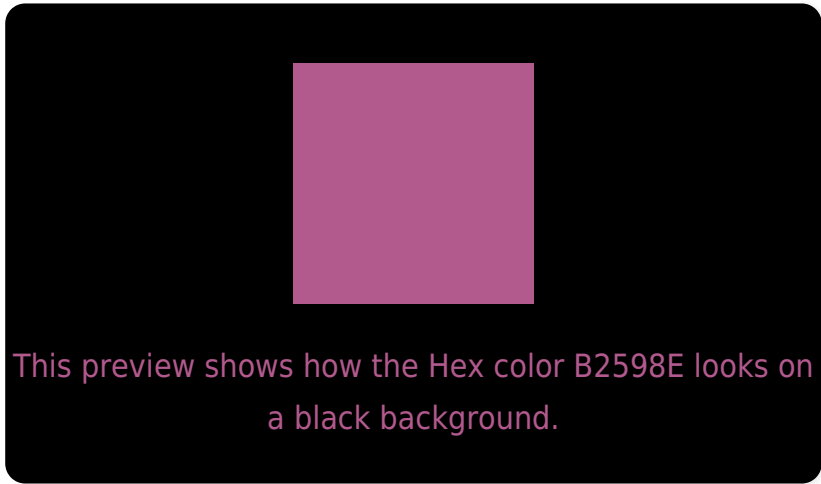
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2598E Background



This preview shows how black text looks on a background with the Hex color B2598E.

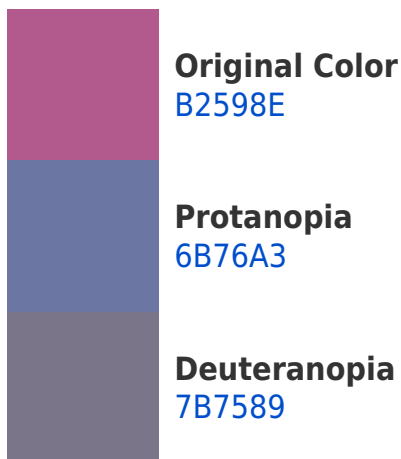



This preview shows how white text looks on a background with the Hex color B2598E.

# 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](#).

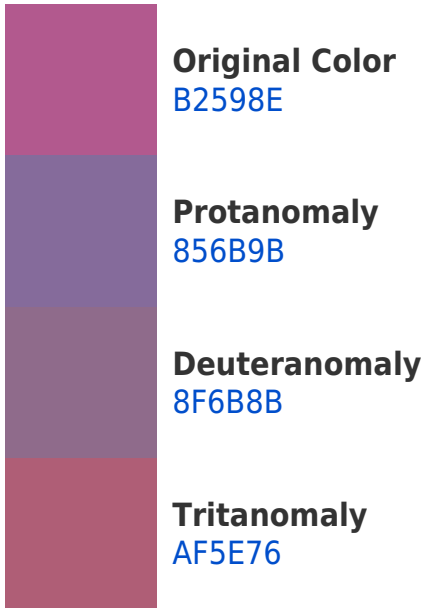
## Dichromacy





**Tritanopia**  
AE6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2598E 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 #B2598E looks like.

```
.text, #text, p{  
    color:#B2598E  
}
```

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 #B2598E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2598E
}
```

## Border

The CSS property to change the border of an element to Hex B2598E is called "border". The border property can be set on classes, ids or directly on the HTML element.

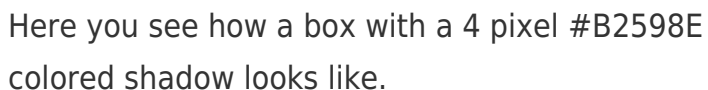
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2598E }
```

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

```
.border{ border-color:#B2598E }
```

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



Here you see how a box with a 4 pixel #B2598E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2598E; -webkit-box-shadow:4px 4px  
4px 4px #B2598E; box-shadow:4px 4px 4px  
4px #B2598E }
```

# Background

The CSS property to change the background color of an element to Hex B2598E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2598E }
```

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

```
.background{ background-color:#B2598E }
```

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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