

# Converting Colors

Hex(B25A77)

Have a look what the booklet for  
Hex(B25A77) contains.

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# Color

Hex(**B25A77**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B25A77</a>
RGB	<a href="#">178, 90, 119</a>
RGB Percent	<a href="#">70%, 35%, 47%</a>
CMY	<a href="#">0.3020, 0.6471, 0.5333</a>
CMYK	<a href="#">0.00, 0.49, 0.33, 0.30</a>
HSL	<a href="#">340°, 36%, 53%</a>
HSV	<a href="#">340°, 49%, 70%</a>
XYZ	<a href="#">25.3460, 18.1092, 19.6123</a>
YIQ	<a href="#">119.6180, 43.1390, 27.6750</a>

# Conversions

## Conversions Part 2

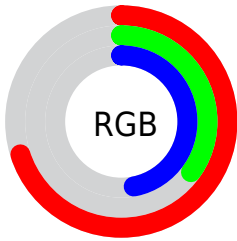
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 90, 119
Decimal	11688567
CIE Lab	49.63, 38.95, 0.20
CIE LCh	50, 38.950, 0.298
Yxy	18.1092, 0.4019, 0.2871
Android (android.graphics.Color)	4289878647 (0xFFB25A77)
YUV	119.6180, -0.3047, 51.2010
Hunter-Lab	42.5549, 31.8448, 2.4634

# Details

The Hex color **B25A77** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5AB295**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EC8EAB**, and **7A2747** is the 20% darker color. If you saturate the color by 10%, you get **B2486B**, and if you desaturate by 10%, it is **B26C83**.

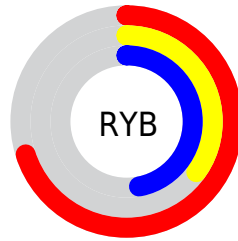
# Distribution



Red (70%)

Green (35%)

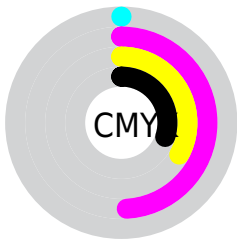
Blue (47%)



Red (70%)

Yellow (35%)

Blue (47%)

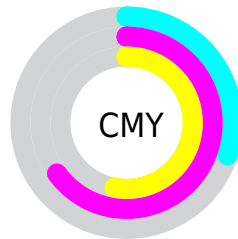


Cyan (0%)

Magenta (49%)

Yellow (33%)

Black (30%)



Cyan (30%)

Magenta (65%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B25A77 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 B25A77 by changing the saturation by 10% instead.



 B25A77

 B25A77

FFFFFF

 96415E

 EC8EAB

 7A2747

 FFAAC6

 600A30

 FFC5E2

 45001C

 FFE2FF

 300002

 000000

 B25A77

 B25A77

 B2486B

 B26C83

 B2365F

 B27E8F

 B22553

 B28F9B

 B21347

 B2A1A7

 B2013B

 B2B3B3

 B2003B

 B2C5BF

 B2D7CB

 B2E8D6

 B2FAE2

# Harmonies

## Analogous

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



9F6197



B25A77



B25E56

# Triad

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



B25A77



677E3B



0082AF

# Complementary

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



B25A77



5AB295

# 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.



008696



B25A77



3D8454

# Square

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



B25A77



897432



008775



3A79B8

# Rectangle

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



B25A77



AA6444



008775



0084A8



# Sweetspot

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



B25A77



E8C5D1



955AB2



756067



F5F5F5



757575



# Same Dimension

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



B25A77



E85F8C



B2695A



595053



990032



1A0008



# Inverse Universe

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



B25A77



E85F8C



5AA3B2



595053



990032

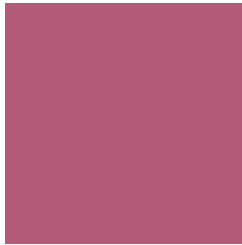


1A0008



# Previews

## White Background



This preview shows how the Hex color B25A77 looks on a white background.

## Color Contrast Check

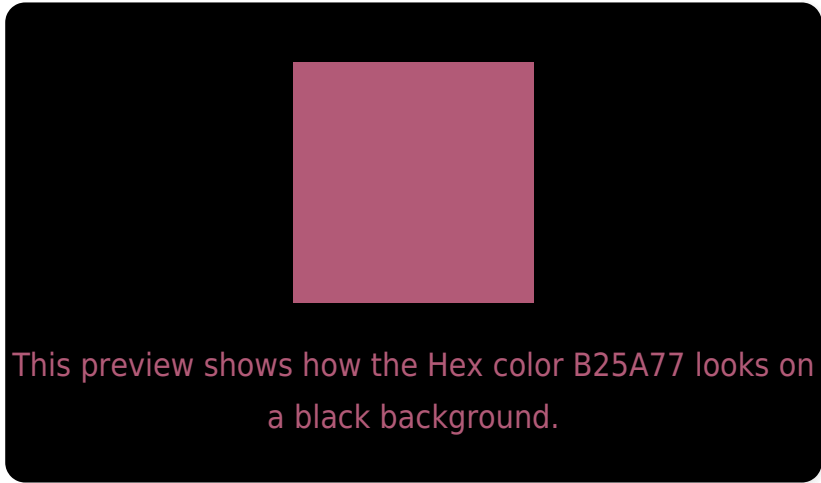
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 B25A77 Background



This preview shows how black text looks on a background with the Hex color B25A77.




This preview shows how white text looks on a background with the Hex color B25A77.

# 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](#).

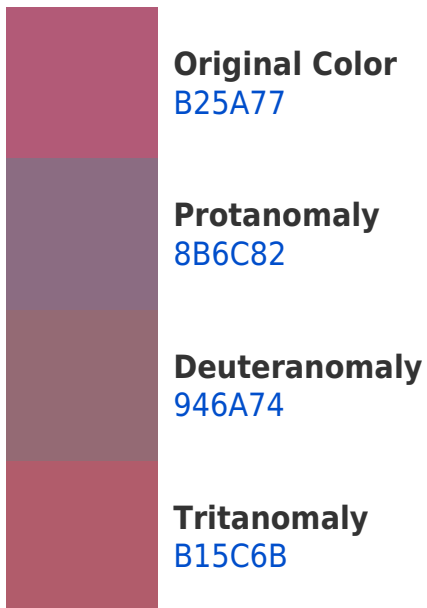
## Dichromacy



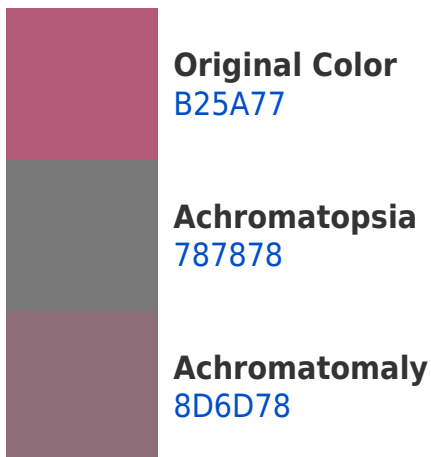


**Tritanopia**  
B05D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B25A77 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 #B25A77 looks like.

```
.text, #text, p{  
    color:#B25A77  
}
```

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 #B25A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25A77
}
```

## Border

The CSS property to change the border of an element to Hex B25A77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

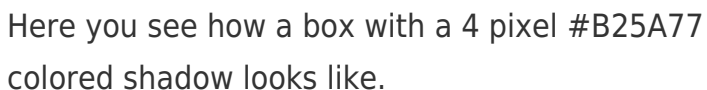
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25A77 }
```

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

```
.border{ border-color:#B25A77 }
```

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



Here you see how a box with a 4 pixel #B25A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25A77; -webkit-box-shadow:4px 4px  
4px 4px #B25A77; box-shadow:4px 4px 4px  
4px #B25A77 }
```

# Background

The CSS property to change the background color of an element to Hex B25A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25A77 }
```

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

```
.background{ background-color:#B25A77 }
```

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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