

Converting Colors

Hex(B25579)

Have a look what the booklet for
Hex(B25579) contains.

Hex(B25579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B25579)

Conversions

Conversions Part 1

Format	Color
Hex	B25579
RGB	178, 85, 121
RGB Percent	70%, 33%, 47%
CMY	0.3020, 0.6667, 0.5255
CMYK	0.00, 0.52, 0.32, 0.30
HSL	337°, 38%, 52%
HSV	337°, 52%, 70%
XYZ	25.0598, 17.3425, 20.1158
YIQ	116.9110, 43.8720, 30.9120

Conversions

Conversions Part 2

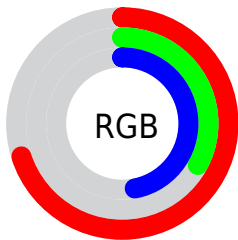
Format	Color
R_{YB}	178, 85, 121
Decimal	11687289
CIE _{Lab}	48.69, 41.78, -2.38
CIE _{LCh}	49, 41.851, 356.745
Yxy	17.3425, 0.4008, 0.2774
Android (android.graphics.Color)	4289877369 (0xFFB25579)
YUV	116.9110, 2.0159, 53.5751
Hunter-Lab	41.6443, 34.5364, 0.5116

Details

The Hex color **B25579** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **55B28E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EC8AAD**, and **7A2149** is the 20% darker color. If you saturate the color by 10%, you get **B2436E**, and if you desaturate by 10%, it is **B26784**.

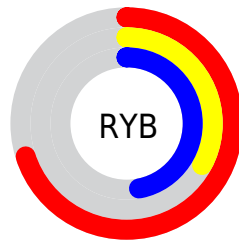
Distribution



Red (70%)

Green (33%)

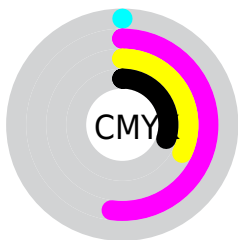
Blue (47%)



Red (70%)

Yellow (33%)

Blue (47%)

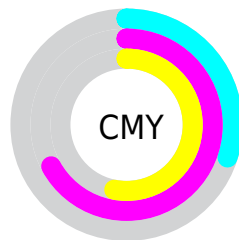


Cyan (0%)

Magenta (52%)

Yellow (32%)

Black (30%)



Cyan (30%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25579 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 B25579 by changing the saturation by 10% instead.

 B25579

 B25579

FFFFFF

 963B60

 EC8AAD

 7A2149

 FFA5C9

 5F0032

 FFC1E5

 45001D

 FFDDFF

 2F0002

 FFFAFF

 000000

 B25579

 B25579

 B2436E

 B26784

 B23163

 B2798F

 B22058

 B28A9A

 B20E4D

 B29CA5

 B20045

 B2AEBO

 B2C0BA

 B2D2C5

 B2E3D0

 B2F5DB

Harmonies

Analogous

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



9B5E9B



B25579



B45856

Triad

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



B25579



687B31



0081AE

Complementary

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



B25579



55B28E

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.



008592



B25579



3B824B

Square

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



B25579



8B702A



00856E



1979BA

Rectangle

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



B25579



AC5F41



00856E



0083A6

Sweetspot

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



B25579



E8C3D1



8D55B2



755F68



F5F5F5



757575

Same Dimension

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



B25579



E8568E



B25E55



595054



99003B



1A000A

Inverse Universe

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



B25579



E8568E



55A9B2



595054



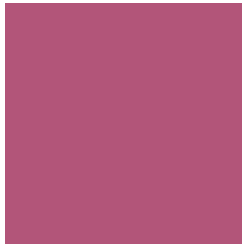
99003B



1A000A

Previews

White Background



This preview shows how the Hex color B25579 looks on a white background.

Color Contrast Check

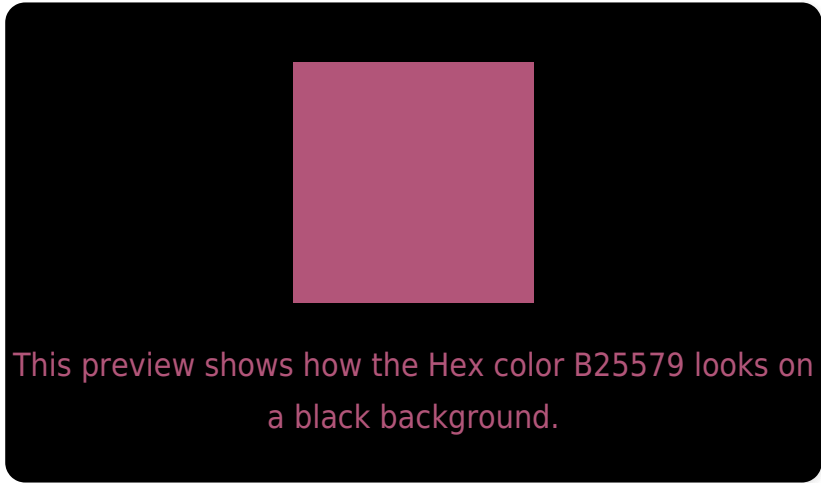
Large Text (above 18pt) WCAG AA ✓ Pass

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

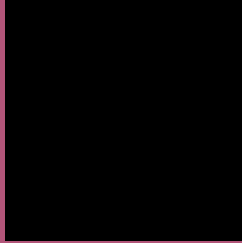
Any Text WCAG AA × Fail

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 B25579 Background



This preview shows how black text looks on a background with the Hex color B25579.



This preview shows how white text looks on a background with the Hex color B25579.

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
B25579

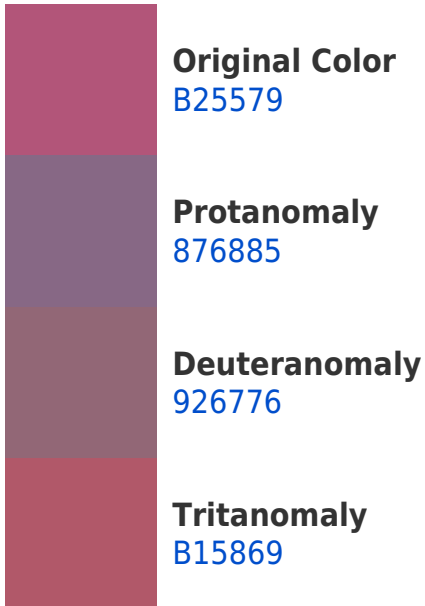
Protanopia
6F738C

Deuteranopia
7F7175

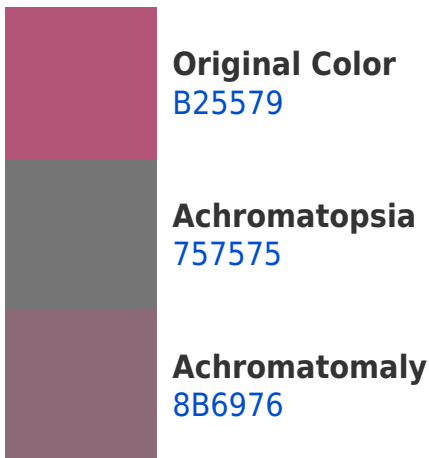


Tritanopia
B05A60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B25579 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 #B25579 looks like.

```
.text, #text, p{  
    color:#B25579  
}
```

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 #B25579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25579
}
```

Border

The CSS property to change the border of an element to Hex B25579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

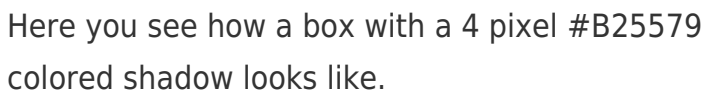
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25579 }
```

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

```
.border{ border-color:#B25579 }
```

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



Here you see how a box with a 4 pixel #B25579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25579; -webkit-box-shadow:4px 4px  
4px 4px #B25579; box-shadow:4px 4px 4px  
4px #B25579 }
```

Background

The CSS property to change the background color of an element to Hex B25579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25579 }
```

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

```
.background{ background-color:#B25579 }
```

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