

Converting Colors

Hex(5B267B)

Have a look what the booklet for
Hex(5B267B) contains.

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Color

Hex(5B267B)

Conversions

Conversions Part 1

Format	Color
Hex	5B267B
RGB	91, 38, 123
RGB Percent	36%, 15%, 48%
CMY	0.6431, 0.8510, 0.5176
CMYK	0.26, 0.69, 0.00, 0.52
HSL	277°, 53%, 32%
HSV	277°, 69%, 48%
XYZ	8.5826, 5.0404, 19.2594
YIQ	63.5370, 4.3030, 37.6710

Conversions

Conversions Part 2

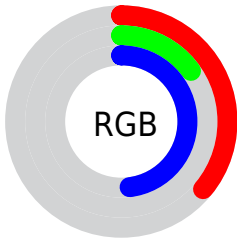
Format	Color
R_{YB}	91, 38, 123
Decimal	5973627
CIE _{Lab}	26.85, 39.62, -38.39
CIE _{LCh}	27, 55.169, 315.904
Yxy	5.0404, 0.2610, 0.1533
Android (android.graphics.Color)	4284163707 (0xFF5B267B)
YUV	63.5370, 29.3153, 24.0851
Hunter-Lab	22.4509, 28.9488, -35.1461

Details

The Hex color **5B267B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **467B26**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9057B0**, and **280049** is the 20% darker color. If you saturate the color by 10%, you get **561A7B**, and if you desaturate by 10%, it is **60327B**.

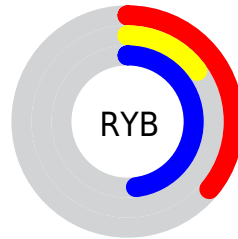
Distribution



Red (36%)

Green (15%)

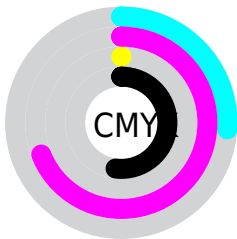
Blue (48%)



Red (36%)

Yellow (15%)

Blue (48%)

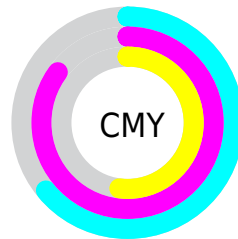


Cyan (26%)

Magenta (69%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (85%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B267B 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 5B267B by changing the saturation by 10% instead.

 5B267B

 5B267B

FFFFFF

 410C62

 9057B0

 280049

 AB71CC

 110032

 C88BE8

 00021C

 E4A6FF

 000000

 FFC1FF

 FFD0FF

 FFFAFF

 5B267B

 5B267B

■ 561A7B

■ 60327B

■ 520D7B

■ 643F7B

■ 4D017B

■ 694B7B

■ 4D007B

■ 6E577B

■ 72637B

■ 77707B

■ 7B7C7B

■ 80887B

■ 85957B

Harmonies

Analogous

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



003D92



5B267B



7E0055

Triad

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



5B267B



5F3600



005156

Complementary

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



5B267B



467B26

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.



004F29



5B267B



3A4400

Square

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



5B267B



7A1E00



004C00



00507C

Rectangle

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



5B267B



860039



004C00



005147

Sweetspot

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



5B267B



947FA1



26477B



4A3D52



D1D1D1



525252

Same Dimension

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



5B267B



6E1BA1



7B2671



3B373D



4E007D



9D00FC

Inverse Universe

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



7B2646



A11B4E



267B30



3D3739



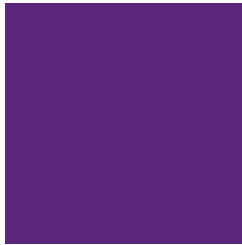
7D002F



FC005F

Previews

White Background



This preview shows how the Hex color 5B267B looks on a white background.

Color Contrast Check

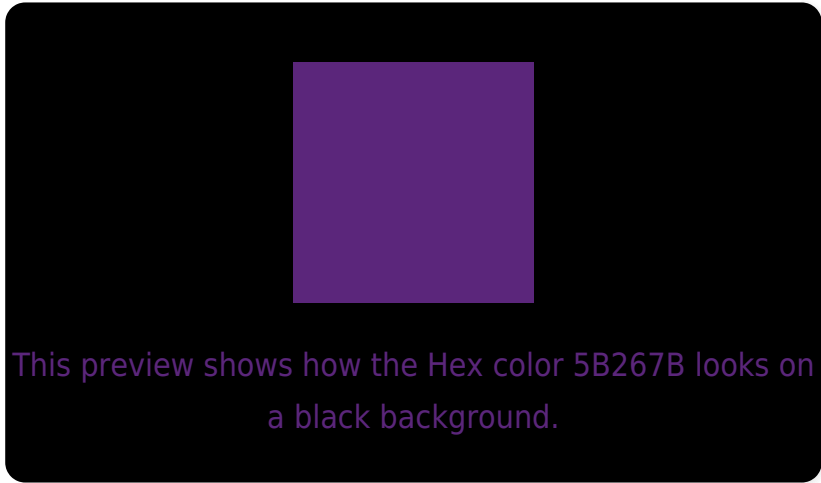
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

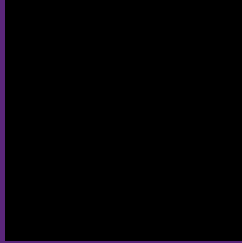
Any Text WCAG AA × Fail

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 5B267B Background



This preview shows how black text looks on a background with the Hex color 5B267B.



This preview shows how white text looks on a background with the Hex color 5B267B.

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
5B267B

Protanopia
003E83

Deuteranopia
004174



Tritanopia
513A3E

Trichromacy



Original Color
5B267B

Protanomaly
213580

Deuteranomaly
213777

Tritanomaly
553354

Monochromacy



Original Color
5B267B

Achromatopsia
404040

Achromatomaly
4A3755

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B267B 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 #5B267B looks like.

```
.text, #text, p{  
    color:#5B267B  
}
```

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 #5B267B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B267B
}
```

Border

The CSS property to change the border of an element to Hex 5B267B 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
#5B267B }
```

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

```
.border{ border-color:#5B267B }
```

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

Here you see how a box with a 4 pixel #5B267B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B267B; -webkit-box-shadow:4px 4px  
4px 4px #5B267B; box-shadow:4px 4px 4px  
4px #5B267B }
```

Background

The CSS property to change the background color of an element to Hex 5B267B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B267B }
```

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

```
.background{ background-color:#5B267B }
```

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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