

Converting Colors

Hex(5B2779)

Have a look what the booklet for
Hex(5B2779) contains.

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Color

Hex(5B2779)

Conversions

Conversions Part 1

Format	Color
Hex	5B2779
RGB	91, 39, 121
RGB Percent	36%, 15%, 47%
CMY	0.6431, 0.8471, 0.5255
CMYK	0.25, 0.68, 0.00, 0.53
HSL	278°, 51%, 31%
HSV	278°, 68%, 47%
XYZ	8.4911, 5.0557, 18.6175
YIQ	63.8960, 4.6700, 36.5260

Conversions

Conversions Part 2

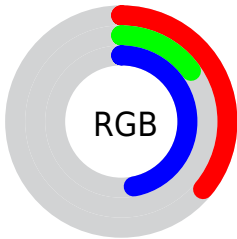
Format	Color
R_{YB}	91, 39, 121
Decimal	5973881
CIE _{Lab}	26.89, 38.64, -37.05
CIE _{LCh}	27, 53.532, 316.197
Yxy	5.0557, 0.2640, 0.1572
Android (android.graphics.Color)	4284163961 (0xFF5B2779)
YUV	63.8960, 28.1523, 23.7702
Hunter-Lab	22.4848, 28.0598, -33.3529

Details

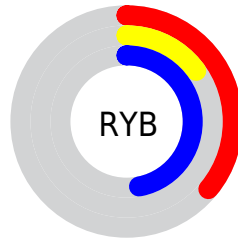
The Hex color **5B2779** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **457927**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9058AE**, and **280048** is the 20% darker color. If you saturate the color by 10%, you get **571B79**, and if you desaturate by 10%, it is **5F3379**.

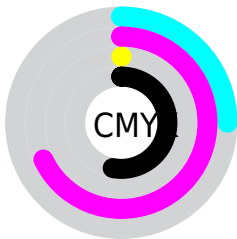
Distribution



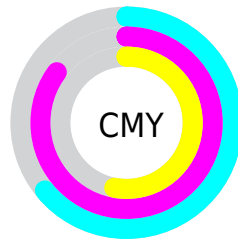
- Red (36%)
- Green (15%)
- Blue (47%)



- Red (36%)
- Yellow (15%)
- Blue (47%)



- Cyan (25%)
- Magenta (68%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2779 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 5B2779 by changing the saturation by 10% instead.

■ 5B2779

■ 5B2779

FFFFFF

■ 420D60

■ 9058AE

■ 280048

■ AB71CA

■ 120031

■ C78BE6

■ 00011B

■ E4A6FF

■ 000000

■ FFC2FF

■ FFDEFF

■ FFFBFF

■ 5B2779

■ 5B2779

■ 571B79

■ 5F3379

■ 520F79

■ 643F79

■ 4E0379

■ 684B79

■ 4D0079

■ 6D5779

■ 716379

■ 767079

■ 7A7C79

■ 7E8879

■ 839479

Harmonies

Analogous

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



003D8F



5B2779



7D0254

Triad

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



5B2779



5E3700



005155

Complementary

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



5B2779



457927

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.



004F2A



5B2779



3B4500

Square

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



5B2779



782000



004C00



004F7B

Rectangle

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



5B2779



850039



004C00



005047

Sweetspot

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



5B2779



937E9E



274579



483C4F



CFCFCF



4F4F4F

Same Dimension

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



5B2779



6F1E9E



79276E



3B373D



4F007D



A000FC

Inverse Universe

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



792745



9E1E4D



277932



3D3739



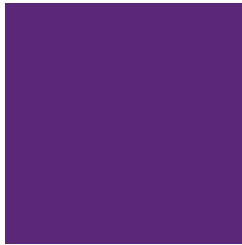
7D002E



FC005C

Previews

White Background



This preview shows how the Hex color 5B2779 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

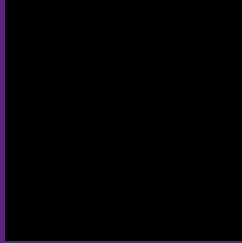
Any Text WCAG AA × Fail

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 5B2779 Background



This preview shows how black text looks on a background with the Hex color 5B2779.



This preview shows how white text looks on a background with the Hex color 5B2779.

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
5B2779

Protanopia
003E84

Deuteranopia
084174



Tritanopia
513A3E

Trichromacy



Original Color
5B2779

Protanomaly
213680

Deuteranomaly
263876

Tritanomaly
553353

Monochromacy



Original Color
5B2779

Achromatopsia
404040

Achromatomaly
4A3755

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2779 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 #5B2779 looks like.

```
.text, #text, p{  
    color:#5B2779  
}
```

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 #5B2779 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2779
}
```

Border

The CSS property to change the border of an element to Hex 5B2779 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
#5B2779 }
```

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

```
.border{ border-color:#5B2779 }
```

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

Here you see how a box with a 4 pixel #5B2779 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2779; -webkit-box-shadow:4px 4px  
4px 4px #5B2779; box-shadow:4px 4px 4px  
4px #5B2779 }
```

Background

The CSS property to change the background color of an element to Hex 5B2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2779 }
```

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

```
.background{ background-color:#5B2779 }
```

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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