

Converting Colors

Hex(5A2E7C)

Have a look what the booklet for
Hex(5A2E7C) contains.

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Color

Hex(5A2E7C)

Conversions

Conversions Part 1

Format	Color
Hex	5A2E7C
RGB	90, 46, 124
RGB Percent	35%, 18%, 49%
CMY	0.6471, 0.8196, 0.5137
CMYK	0.27, 0.63, 0.00, 0.51
HSL	274°, 46%, 33%
HSV	274°, 63%, 49%
XYZ	8.8315, 5.5829, 19.6809
YIQ	68.0480, 1.1860, 33.5860

Conversions

Conversions Part 2

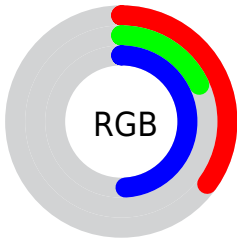
Format	Color
R_{YB}	90, 46, 124
Decimal	5910140
CIE _{Lab}	28.33, 35.37, -36.64
CIE _{LCh}	28, 50.927, 313.986
Yxy	5.5829, 0.2590, 0.1637
Android (android.graphics.Color)	4284100220 (0xFF5A2E7C)
YUV	68.0480, 27.5843, 19.2519
Hunter-Lab	23.6281, 25.3691, -32.8456

Details

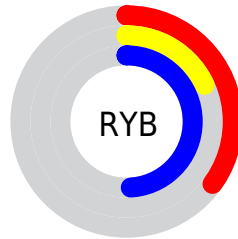
The Hex color **5A2E7C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **507C2E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8F5EB1**, and **28004A** is the 20% darker color. If you saturate the color by 10%, you get **55227C**, and if you desaturate by 10%, it is **5F3A7C**.

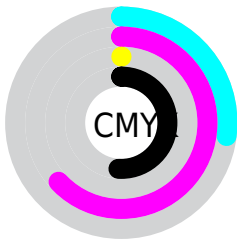
Distribution



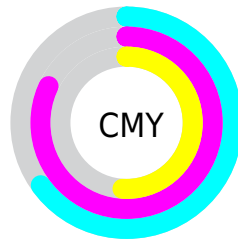
- Red (35%)
- Green (18%)
- Blue (49%)



- Red (35%)
- Yellow (18%)
- Blue (49%)



- Cyan (27%)
- Magenta (63%)
- Yellow (0%)
- Black (51%)



- Cyan (65%)
- Magenta (82%)
- Yellow (51%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2E7C 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 5A2E7C by changing the saturation by 10% instead.

■ 5A2E7C

■ 5A2E7C

FFFFFF

■ 411663

■ 8F5EB1

■ 28004A

■ AA78CD

■ 130033

■ C692E9

■ 00021D

■ E2ADFF

■ 000000

■ FFC9FF

■ FFE5FF

■ 5A2E7C

■ 5A2E7C

■ 55227C

■ 5F3A7C

■ 4F157C

■ 65477C

■ 4A097C

■ 6A537C

■ 46007C

■ 70607C

■ 756C7C

■ 7A787C

■ 80857C

■ 85917C

■ 8B9E7C

Harmonies

Analogous

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



004290



5A2E7C



7D1459

Triad

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



5A2E7C



643900



005455

Complementary

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



5A2E7C



507C2E

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.



00522C



5A2E7C



424700

Square

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



5A2E7C



7C250C



0A4F00



005379

Rectangle

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



5A2E7C



86093F



0A4F00



005347

Sweetspot

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



5A2E7C



9382A1



2E517C



493F52



D1D1D1



525252

Same Dimension

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



5A2E7C



6C28A1



7C2E78



3B373D



46007D



8E00FC

Inverse Universe

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



7C2E50



A1285D



2E7C32



3D373A



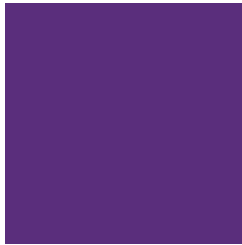
7D0036



FC006E

Previews

White Background



This preview shows how the Hex color 5A2E7C 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

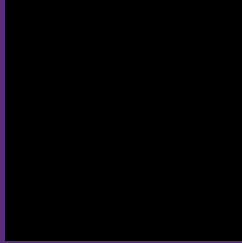
Any Text WCAG AA × Fail

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 5A2E7C Background



This preview shows how black text looks on a background with the Hex color 5A2E7C.



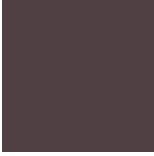
This preview shows how white text looks on a background with the Hex color 5A2E7C.

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
503F43

Trichromacy



Original Color
5A2E7C



Protanomaly
213A85



Deuteranomaly
2D3C79



Tritanomaly
543958

Monochromacy



Original Color
5A2E7C



Achromatopsia
444444



Achromatomaly
4C3C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2E7C 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 #5A2E7C looks like.

```
.text, #text, p{  
    color:#5A2E7C  
}
```

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 #5A2E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2E7C
}
```

Border

The CSS property to change the border of an element to Hex 5A2E7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

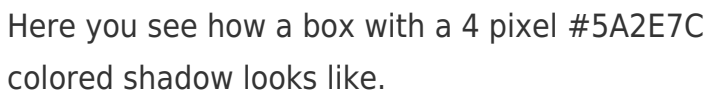
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A2E7C }
```

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

```
.border{ border-color:#5A2E7C }
```

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



Here you see how a box with a 4 pixel #5A2E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2E7C; -webkit-box-shadow:4px 4px  
4px 4px #5A2E7C; box-shadow:4px 4px 4px  
4px #5A2E7C }
```

Background

The CSS property to change the background color of an element to Hex 5A2E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2E7C }
```

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

```
.background{ background-color:#5A2E7C }
```

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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