

Converting Colors

Hex(5D2A6E)

Have a look what the booklet for
Hex(5D2A6E) contains.

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Color

Hex(5D2A6E)

Conversions

Conversions Part 1

Format	Color
Hex	5D2A6E
RGB	93, 42, 110
RGB Percent	36%, 16%, 43%
CMY	0.6353, 0.8353, 0.5686
CMYK	0.15, 0.62, 0.00, 0.57
HSL	285°, 45%, 30%
HSV	285°, 62%, 43%
XYZ	8.1566, 5.1089, 15.3081
YIQ	65.0010, 8.5680, 31.9600

Conversions

Conversions Part 2

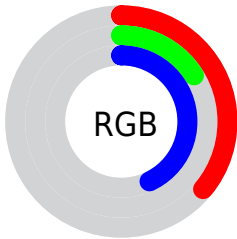
Format	Color
R_{YB}	93, 42, 110
Decimal	6105710
CIE Lab	27.04, 35.01, -29.78
CIE LCh	27, 45.969, 319.615
Yxy	5.1089, 0.2855, 0.1788
Android (android.graphics.Color)	4284295790 (0xFF5D2A6E)
YUV	65.0010, 22.1845, 24.5551
Hunter-Lab	22.6028, 24.8600, -24.3330

Details

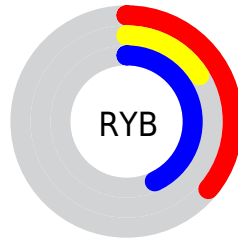
The Hex color **5D2A6E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B6E2A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **915BA2**, and **2C003E** is the 20% darker color. If you saturate the color by 10%, you get **5A1F6E**, and if you desaturate by 10%, it is **60356E**.

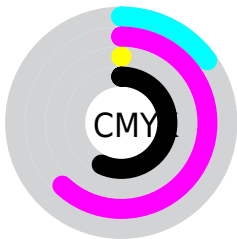
Distribution



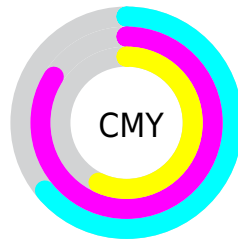
- Red (36%)
- Green (16%)
- Blue (43%)



- Red (36%)
- Yellow (16%)
- Blue (43%)



- Cyan (15%)
- Magenta (62%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (84%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2A6E 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 5D2A6E by changing the saturation by 10% instead.

■ 5D2A6E

■ 5D2A6E

FFFFFF

■ 441255

■ 915BA2

■ 2C003E

■ AC74BD

■ 160028

■ C88ED9

■ 000111

■ E5A9F6

■ 000000

■ FFC4FF

■ FFE1FF

FFFEFF

■ 5D2A6E

■ 5D2A6E

■ 5A1F6E

■ 60356E

■ 58146E

■ 63406E

■ 55096E

■ 654B6E

■ 53006E

■ 68566E

■ 6B616E

■ 6E6C6E

■ 70776E

■ 73826E

■ 768D6E

Harmonies

Analogous

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



1C3C83



5D2A6E



77174E

Triad

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



5D2A6E



593A00



004F57

Complementary

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



5D2A6E



3B6E2A

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.



004E32



5D2A6E



394500

Square

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



5D2A6E



702908



004B0C



004E75

Rectangle

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



5D2A6E



7D1436



004B0C



004F4B

Sweetspot

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



5D2A6E



88748F



2A3B6E



433747



C7C7C7



474747

Same Dimension

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



5D2A6E



74258F



6E2A5D



373238



5A0078



BA00F7

Inverse Universe

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



6E2A3B



8F2540



2A6E3B



383234



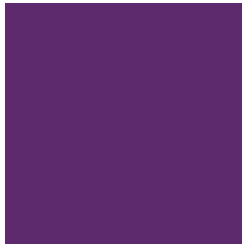
78001E



F7003E

Previews

White Background



This preview shows how the Hex color 5D2A6E looks on a white background.

Color Contrast Check

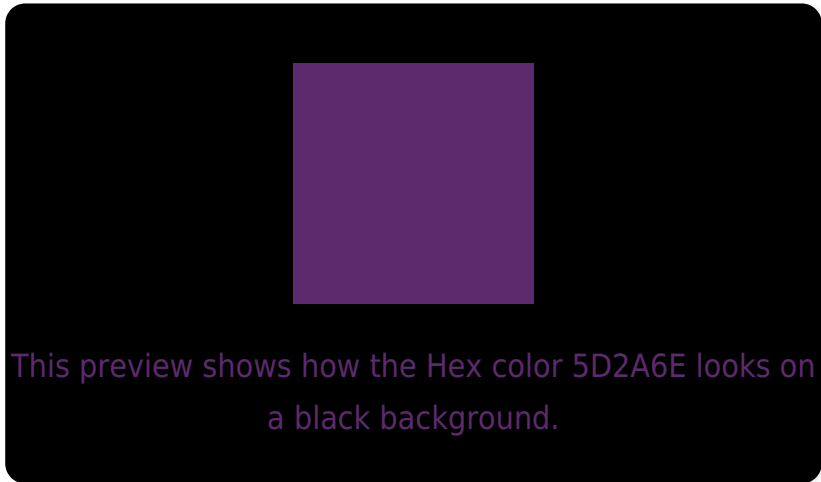
Large Text (above 18pt) WCAG AA ✓ Pass

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

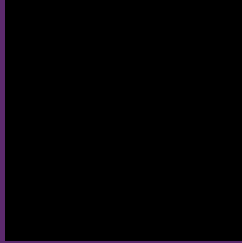
Any Text WCAG AA × Fail

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 5D2A6E Background



This preview shows how black text looks on a background with the Hex color 5D2A6E.



This preview shows how white text looks on a background with the Hex color 5D2A6E.

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
5D2A6E

Protanopia
103E82

Deuteranopia
27416A



Tritanopia
56383D

Trichromacy



Original Color
5D2A6E

Protanomaly
2C377B

Deuteranomaly
3B396B

Tritanomaly
59334F

Monochromacy



Original Color
5D2A6E

Achromatopsia
414141

Achromatomaly
4B3951

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2A6E 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 #5D2A6E looks like.

```
.text, #text, p{  
    color:#5D2A6E  
}
```

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 #5D2A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2A6E
}
```

Border

The CSS property to change the border of an element to Hex 5D2A6E 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".

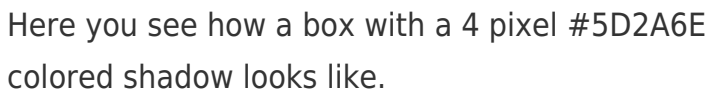
```
.border, #border, table{ border:4px solid
#5D2A6E }
```

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

```
.border{ border-color:#5D2A6E }
```

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

Here you see how a box with a 4 pixel #5D2A6E colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2A6E; -webkit-box-shadow:4px 4px  
4px 4px #5D2A6E; box-shadow:4px 4px 4px  
4px #5D2A6E }
```

Background

The CSS property to change the background color of an element to Hex 5D2A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2A6E }
```

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

```
.background{ background-color:#5D2A6E }
```

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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