

Converting Colors

Hex(5F2A6A)

Have a look what the booklet for
Hex(5F2A6A) contains.

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Color

Hex(5F2A6A)

Conversions

Conversions Part 1

Format	Color
Hex	5F2A6A
RGB	95, 42, 106
RGB Percent	37%, 16%, 42%
CMY	0.6275, 0.8353, 0.5843
CMYK	0.10, 0.60, 0.00, 0.58
HSL	290°, 43%, 29%
HSV	290°, 60%, 42%
XYZ	8.1488, 5.1294, 14.1963
YIQ	65.1430, 11.0440, 31.1400

Conversions

Conversions Part 2

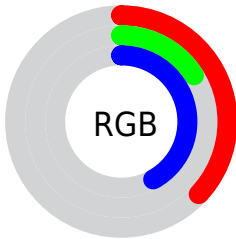
Format	Color
R_{YB}	95, 42, 106
Decimal	6236778
CIE _{Lab}	27.10, 34.70, -27.10
CIE _{LCh}	27, 44.027, 322.003
Yxy	5.1294, 0.2966, 0.1867
Android (android.graphics.Color)	4284426858 (0xFF5F2A6A)
YUV	65.1430, 20.1425, 26.1846
Hunter-Lab	22.6483, 24.5895, -21.3101

Details

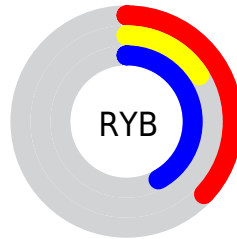
The Hex color **5F2A6A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **356A2A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **935B9E**, and **2E003A** is the 20% darker color. If you saturate the color by 10%, you get **5D1F6A**, and if you desaturate by 10%, it is **61356A**.

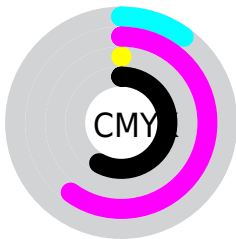
Distribution



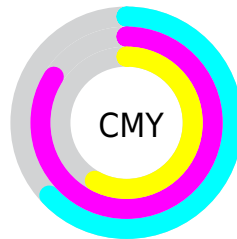
- Red (37%)
- Green (16%)
- Blue (42%)



- Red (37%)
- Yellow (16%)
- Blue (42%)



- Cyan (10%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2A6A 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 5F2A6A by changing the saturation by 10% instead.



5F2A6A



5F2A6A

FFFFFF



461252



935B9E



2E003A



AF74B9



180024



CA8ED5



00000C



E7A9F1



000000



FFC5FF



FFE1FF



FFFEFF



5F2A6A



5F2A6A

■ 5D1F6A

■ 61356A

■ 5B156A

■ 633F6A

■ 5A0A6A

■ 644A6A

■ 58006A

■ 66546A

■ 685F6A

■ 6A6A6A

■ 6C746A

■ 6E7F6A

■ 6F896A

Harmonies

Analogous

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



283B7F



5F2A6A



771A4B

Triad

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



5F2A6A



573B00



004F58

Complementary

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



5F2A6A



356A2A

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.



004E36



5F2A6A



374600

Square

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



5F2A6A



6E2C08



004C12



004D75

Rectangle

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



5F2A6A



7B1934



004C12



004F4D

Sweetspot

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



5F2A6A



85718A



2A366A



423645



C4C4C4



454545

Same Dimension

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



5F2A6A



79278A



6A2A56



353036



610075



CB00F5

Inverse Universe

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



6A2A35



8A2738



2A6A3E



363031



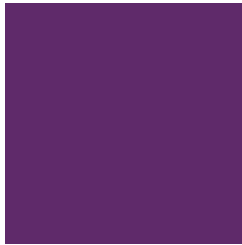
750014



F5002A

Previews

White Background



This preview shows how the Hex color 5F2A6A 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

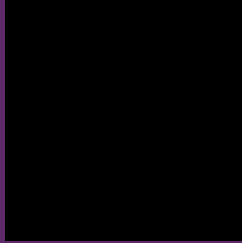
Any Text WCAG AA × Fail

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 5F2A6A Background



This preview shows how black text looks on a background with the Hex color 5F2A6A.

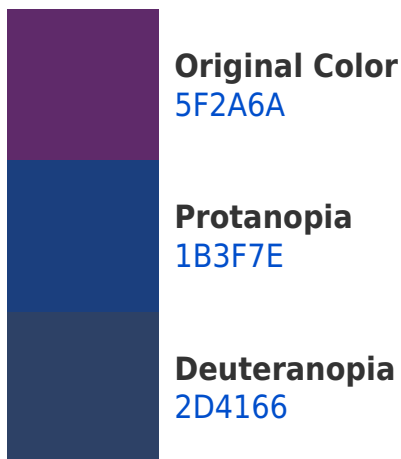


This preview shows how white text looks on a background with the Hex color 5F2A6A.

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
59373B

Trichromacy



Original Color
5F2A6A

Protanomaly
343777

Deuteranomaly
3F3967

Tritanomaly
5B324C

Monochromacy



Original Color
5F2A6A

Achromatopsia
414141

Achromatomaly
4C3950

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2A6A 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 #5F2A6A looks like.

```
.text, #text, p{  
    color:#5F2A6A  
}
```

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 #5F2A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2A6A
}
```

Border

The CSS property to change the border of an element to Hex 5F2A6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

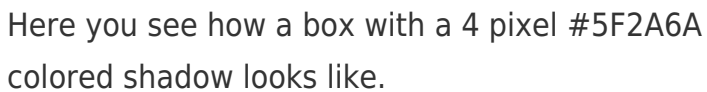
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F2A6A }
```

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

```
.border{ border-color:#5F2A6A }
```

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



Here you see how a box with a 4 pixel #5F2A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2A6A; -webkit-box-shadow:4px 4px  
4px 4px #5F2A6A; box-shadow:4px 4px 4px  
4px #5F2A6A }
```

Background

The CSS property to change the background color of an element to Hex 5F2A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2A6A }
```

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

```
.background{ background-color:#5F2A6A }
```

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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