

Converting Colors

Hex(5F27A6)

Have a look what the booklet for
Hex(5F27A6) contains.

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Color

Hex(5F27A6)

Conversions

Conversions Part 1

Format	Color
Hex	5F27A6
RGB	95, 39, 166
RGB Percent	37%, 15%, 65%
CMY	0.6275, 0.8471, 0.3490
CMYK	0.43, 0.77, 0.00, 0.35
HSL	266°, 62%, 40%
HSV	266°, 77%, 65%
XYZ	12.3278, 6.6371, 36.7077
YIQ	70.2220, -7.3910, 51.3690

Conversions

Conversions Part 2

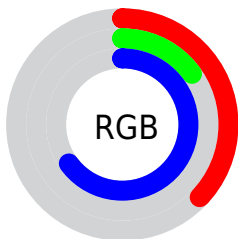
Format	Color
RYB	95, 39, 166
Decimal	6236070
CIELab	30.97, 50.66, -58.22
CIElCh	31, 77.173, 311.025
Yxy	6.6371, 0.2214, 0.1192
Android (android.graphics.Color)	4284426150 (0xFF5F27A6)
YUV	70.2220, 47.2186, 21.7303
Hunter-Lab	25.7626, 40.3303, -66.4454

Details

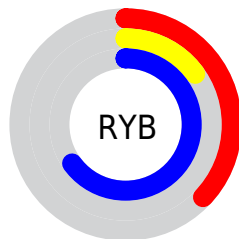
The Hex color **5F27A6** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6EA627**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **975ADE**, and **240071** is the 20% darker color. If you saturate the color by 10%, you get **5616A6**, and if you desaturate by 10%, it is **6838A6**.

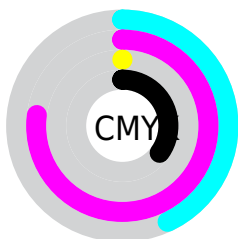
Distribution



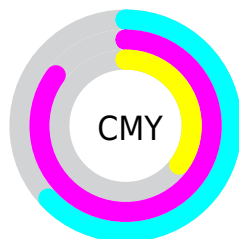
- Red (37%)
- Green (15%)
- Blue (65%)



- Red (37%)
- Yellow (15%)
- Blue (65%)



- Cyan (43%)
- Magenta (77%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F27A6 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 5F27A6 by changing the saturation by 10% instead.

5F27A6

5F27A6

FFFFFF

43098B

975ADE

240071

B474FB

000058

D18FFF

00003F

EFAAFF

000328

FFC6FF

000112

FFE2FF

000000

5F27A6

5F27A6

5616A6

6838A6

■ 4C06A6

■ 7248A6

■ 4900A6

■ 7B59A6

■ 8469A6

■ 8D7AA6

■ 978BA6

■ A09BA6

■ A9ACA6

■ B3BCA6

Harmonies

Analogous

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



004BC3



5F27A6



9C0072

Triad

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



5F27A6



783700



005F5F

Complementary

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



5F27A6



6EA627

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.



005D1D



5F27A6



464E00

Square

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



5F27A6



9C0000



005800



005F98

Rectangle

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



5F27A6



AA004A



005800



005E4A

Sweetspot

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



5F27A6



BDA7D9



276FA6



5C4F6E



EDEDED



6E6E6E

Same Dimension

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



5F27A6



6911D9



9E27A6



4F4C54



410094



090014

Inverse Universe

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



A6276E



D91181



2FA627



544C50



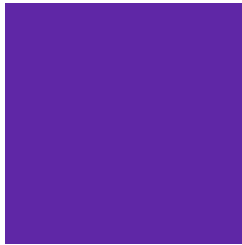
940053



14000B

Previews

White Background



This preview shows how the Hex color 5F27A6 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

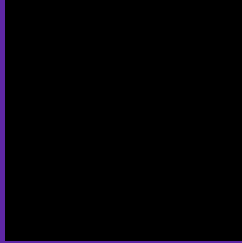
Any Text WCAG AA × Fail

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 5F27A6 Background



This preview shows how black text looks on a background with the Hex color 5F27A6.

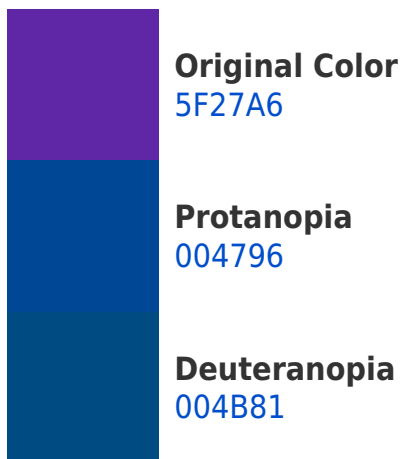


This preview shows how white text looks on a background with the Hex color 5F27A6.

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
4B484E

Trichromacy



Original Color
5F27A6



Protanomaly
233B9C



Deuteranomaly
233E8E



Tritanomaly
523C6E

Monochromacy



Original Color
5F27A6



Achromatopsia
464646



Achromatomaly
4F3B69

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F27A6 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 #5F27A6 looks like.

```
.text, #text, p{  
    color:#5F27A6  
}
```

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 #5F27A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F27A6
}
```

Border

The CSS property to change the border of an element to Hex 5F27A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

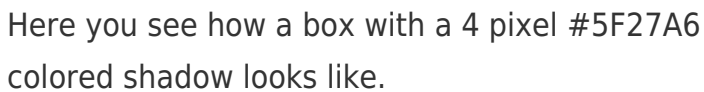
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F27A6 }
```

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

```
.border{ border-color:#5F27A6 }
```

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



Here you see how a box with a 4 pixel #5F27A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F27A6; -webkit-box-shadow:4px 4px  
4px 4px #5F27A6; box-shadow:4px 4px 4px  
4px #5F27A6 }
```

Background

The CSS property to change the background color of an element to Hex 5F27A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F27A6 }
```

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

```
.background{ background-color:#5F27A6 }
```

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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