

Converting Colors

Hex(5A016D)

Have a look what the booklet for
Hex(5A016D) contains.

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Color

Hex(5A016D)

Conversions

Conversions Part 1

Format	Color
Hex	5A016D
RGB	90, 1, 109
RGB Percent	35%, 0%, 43%
CMY	0.6471, 0.9961, 0.5725
CMYK	0.17, 0.99, 0.00, 0.57
HSL	289°, 98%, 22%
HSV	289°, 99%, 43%
XYZ	6.9876, 3.2995, 14.7366
YIQ	39.9230, 18.3760, 52.4560

Conversions

Conversions Part 2

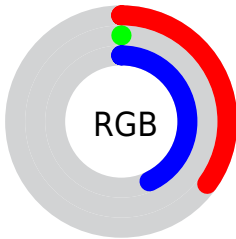
Format	Color
RYB	90, 1, 109
Decimal	5898605
CIELab	21.21, 49.09, -38.54
CIELCh	21, 62.411, 321.867
Yxy	3.2995, 0.2792, 0.1319
Android (android.graphics.Color)	4284088685 (0xFF5A016D)
YUV	39.9230, 34.0550, 43.9175
Hunter-Lab	18.1645, 36.8784, -35.3859

Details

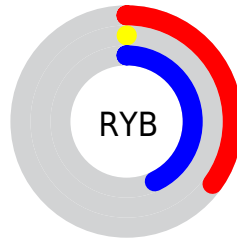
The Hex color **5A016D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **146D01**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **903FA1**, and **29003D** is the 20% darker color. If you saturate the color by 10%, you get **5A006D**, and if you desaturate by 10%, it is **5C0C6D**.

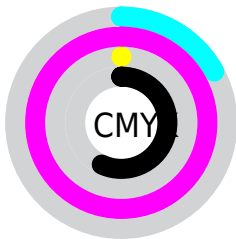
Distribution



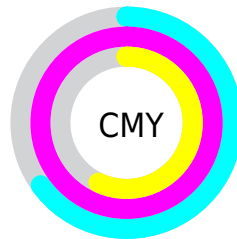
- Red (35%)
- Green (0%)
- Blue (43%)



- Red (35%)
- Yellow (0%)
- Blue (43%)



- Cyan (17%)
- Magenta (99%)
- Yellow (0%)
- Black (57%)



- Cyan (65%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A016D 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 5A016D by changing the saturation by 10% instead.

■ 5A016D

■ 5A016D

FFFFFF

■ 400054

■ 903FA1

■ 29003D

■ AB59BD

■ 000026

■ C873D9

■ 00010E

■ E58EF5

■ 000000

■ FFA9FF

■ FFC5FF

■ FFE2FF

■ 5A016D

■ 5A016D

■ 5A006D

■ 5C0C6D

■ 5E176D

■ 60226D

■ 622D6D

■ 64376D

■ 66426D

■ 674D6D

■ 69586D

■ 6B636D

Harmonies

Analogous

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



002D8B



5A016D



7A0042

Triad

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



5A016D



4A2D00



004455

Complementary

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



5A016D



146D01

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.



004324



5A016D



1E3A00

Square

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



5A016D



6A0D00



004000



00437C

Rectangle

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



5A016D



7E0024



004000



004445

Sweetspot

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



5A016D



87648F



01156D



432E47



C7C7C7



474747

Same Dimension

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



5A016D



76008F



6D014B



353036



610075



CA00F5

Inverse Universe

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



6D0114



8F0019



016D23



363031



750015



F5002B

Previews

White Background



This preview shows how the Hex color 5A016D looks on a white background.

Color Contrast Check

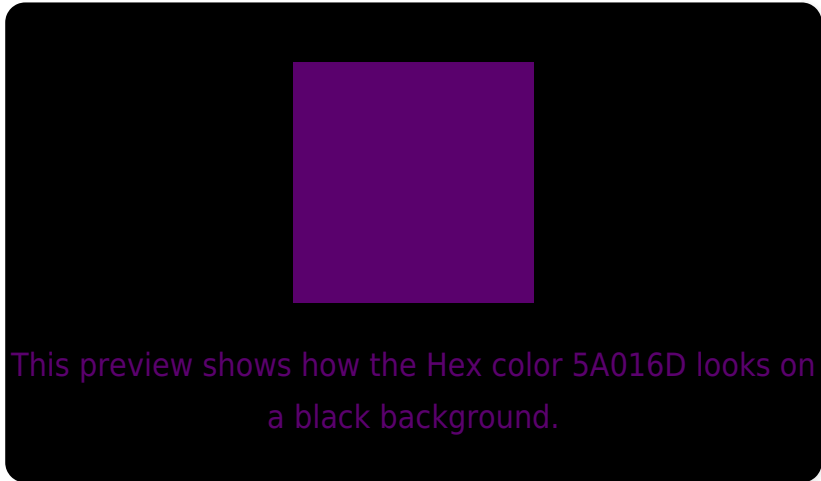
Large Text (above 18pt) WCAG AA ✓ Pass

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

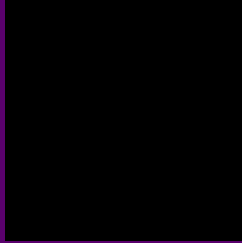
Any Text WCAG AA × Fail

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 5A016D Background



This preview shows how black text looks on a background with the Hex color 5A016D.



This preview shows how white text looks on a background with the Hex color 5A016D.

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



Trichromacy

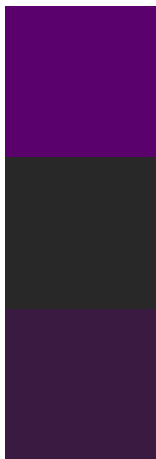


Original Color
5A016D

Protanomaly
21226E

Tritanomaly
541C45

Monochromacy



Original Color
5A016D

Achromatopsia
282828

Achromatomaly
3A1A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A016D 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 #5A016D looks like.

```
.text, #text, p{  
    color:#5A016D  
}
```

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 #5A016D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A016D
}
```

Border

The CSS property to change the border of an element to Hex 5A016D is called "border". The border property can be set on classes, ids or directly on the HTML element.

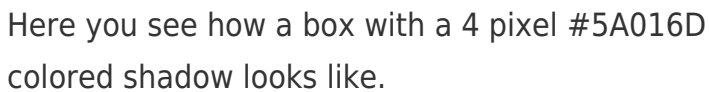
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A016D }
```

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

```
.border{ border-color:#5A016D }
```

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



Here you see how a box with a 4 pixel #5A016D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A016D; -webkit-box-shadow:4px 4px  
4px 4px #5A016D; box-shadow:4px 4px 4px  
4px #5A016D }
```

Background

The CSS property to change the background color of an element to Hex 5A016D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A016D }
```

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

```
.background{ background-color:#5A016D }
```

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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