

Converting Colors

Hex(5D1A6D)

Have a look what the booklet for
Hex(5D1A6D) contains.

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Color

Hex(5D1A6D)

Conversions

Conversions Part 1

Format	Color
Hex	5D1A6D
RGB	93, 26, 109
RGB Percent	36%, 10%, 43%
CMY	0.6353, 0.8980, 0.5725
CMYK	0.15, 0.76, 0.00, 0.57
HSL	288°, 61%, 26%
HSV	288°, 76%, 43%
XYZ	7.6439, 4.1701, 14.8700
YIQ	55.4950, 13.2890, 40.0170

Conversions

Conversions Part 2

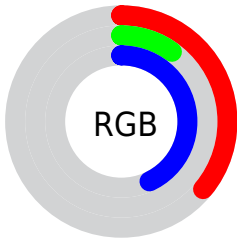
Format	Color
RYB	93, 26, 109
Decimal	6101613
CIELab	24.23, 42.43, -33.64
CIElCh	24, 54.151, 321.595
Yxy	4.1701, 0.2865, 0.1563
Android (android.graphics.Color)	4284291693 (0xFF5D1A6D)
YUV	55.4950, 26.3780, 32.8919
Hunter-Lab	20.4208, 31.0799, -28.8794

Details

The Hex color **5D1A6D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2A6D1A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **924DA1**, and **2B003D** is the 20% darker color. If you saturate the color by 10%, you get **5B0F6D**, and if you desaturate by 10%, it is **5F256D**.

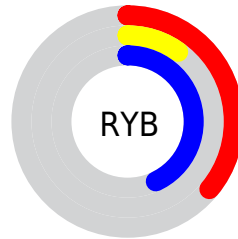
Distribution



Red (36%)

Green (10%)

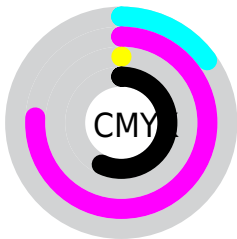
Blue (43%)



Red (36%)

Yellow (10%)

Blue (43%)

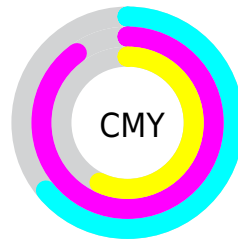


Cyan (15%)

Magenta (76%)

Yellow (0%)

Black (57%)



Cyan (64%)

Magenta (90%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D1A6D 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 5D1A6D by changing the saturation by 10% instead.

 5D1A6D

 5D1A6D

FFFFFF

 440054

 924DA1

 2B003D

 AE66BC

 0F0026

 CA81D8

 00010F

 E69BF5

 000000

 FFB7FF

 FFD3FF

 FFF0FF

 5D1A6D

 5D1A6D

■ 5B0F6D

■ 5F256D

■ 59046D

■ 61306D

■ 58006D

■ 633B6D

■ 65466D

■ 68516D

■ 6A5B6D

■ 6C666D

■ 6E716D

■ 707C6D

Harmonies

Analogous

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



003487



5D1A6D



790047

Triad

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



5D1A6D



513400



004A57

Complementary

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



5D1A6D



2A6D1A

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.



00492C



5D1A6D



2C4000

Square

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



5D1A6D



6E1E00



004600



00497A

Rectangle

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



5D1A6D



7E002C



004600



004A49

Sweetspot

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



5D1A6D



886E8F



1A2B6D



443347



C7C7C7



474747

Same Dimension

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



5D1A6D



760D8F



6D1A54



353036



5F0075



C600F5

Inverse Universe

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



6D1A2A



8F0D26



1A6D33



363031



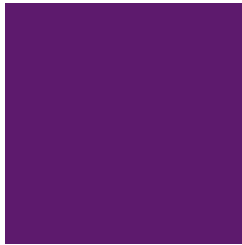
750017



F5002F

Previews

White Background



This preview shows how the Hex color 5D1A6D looks on a white background.

Color Contrast Check

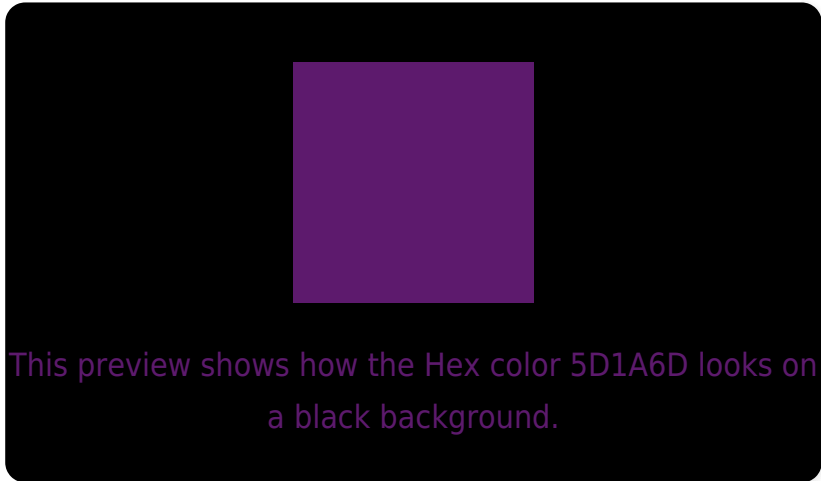
Large Text (above 18pt) WCAG AA ✓ Pass

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

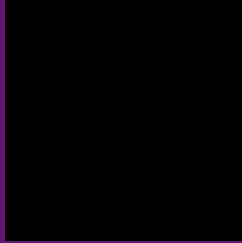
Any Text WCAG AA × Fail

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 5D1A6D Background



This preview shows how black text looks on a background with the Hex color 5D1A6D.



This preview shows how white text looks on a background with the Hex color 5D1A6D.

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
5D1A6D

Protanopia
003978

Deuteranopia
153C67



Tritanopia
553033

Trichromacy



Original Color
5D1A6D



Protanomaly
222E74



Deuteranomaly
2F3069



Tritanomaly
582848

Monochromacy



Original Color
5D1A6D



Achromatopsia
373737



Achromatomaly
452C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D1A6D 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 #5D1A6D looks like.

```
.text, #text, p{  
    color:#5D1A6D  
}
```

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 #5D1A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1A6D
}
```

Border

The CSS property to change the border of an element to Hex 5D1A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

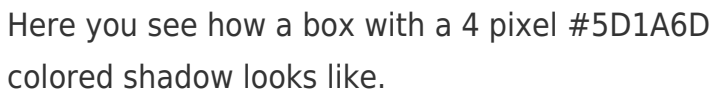
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D1A6D }
```

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

```
.border{ border-color:#5D1A6D }
```

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



Here you see how a box with a 4 pixel #5D1A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1A6D; -webkit-box-shadow:4px 4px  
4px 4px #5D1A6D; box-shadow:4px 4px 4px  
4px #5D1A6D }
```

Background

The CSS property to change the background color of an element to Hex 5D1A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1A6D }
```

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

```
.background{ background-color:#5D1A6D }
```

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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