

Converting Colors

Hex(5E0A96)

Have a look what the booklet for
Hex(5E0A96) contains.

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Color

Hex(5E0A96)

Conversions

Conversions Part 1

Format	Color
Hex	5E0A96
RGB	94, 10, 150
RGB Percent	37%, 4%, 59%
CMY	0.6314, 0.9608, 0.4118
CMYK	0.37, 0.93, 0.00, 0.41
HSL	276°, 88%, 31%
HSV	276°, 93%, 59%
XYZ	10.2297, 4.7988, 29.2413
YIQ	51.0760, 5.1240, 61.3480

Conversions

Conversions Part 2

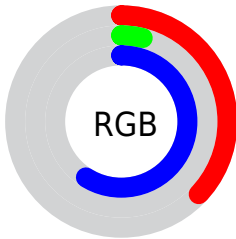
Format	Color
R_{YB}	94, 10, 150
Decimal	6163094
CIE _{Lab}	26.15, 56.14, -56.36
CIE _{LCh}	26, 79.547, 314.889
Yxy	4.7988, 0.2311, 0.1084
Android (android.graphics.Color)	4284353174 (0xFF5E0A96)
YUV	51.0760, 48.7695, 37.6443
Hunter-Lab	21.9061, 45.0198, -63.8087

Details

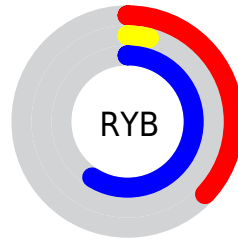
The Hex color **5E0A96** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **42960A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9647CD**, and **240062** is the 20% darker color. If you saturate the color by 10%, you get **5A0096**, and if you desaturate by 10%, it is **641996**.

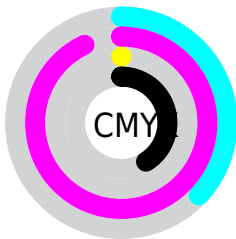
Distribution



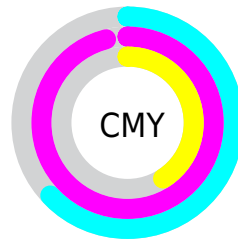
- Red (37%)
- Green (4%)
- Blue (59%)



- Red (37%)
- Yellow (4%)
- Blue (59%)



- Cyan (37%)
- Magenta (93%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (96%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E0A96 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 5E0A96 by changing the saturation by 10% instead.

■ 5E0A96

■ 5E0A96

FFFFFF

■ 42007B

■ 9647CD

■ 240062

■ B361EA

■ 000049

■ D07CFF

■ 000431

■ ED97FF

■ 00011C

■ FFB3FF

■ 000000

■ FFCFFF

■ FFECFF

■ 5E0A96

■ 5E0A96

■ 5A0096

■ 641996

■ 6A2896

■ 703796

■ 764696

■ 7C5596

■ 826496

■ 887396

■ 8E8296

■ 949196

Harmonies

Analogous

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



003EB7



5E0A96



94005F

Triad

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



5E0A96



652F00



00535C

Complementary

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



5E0A96



42960A

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.



00511B



5E0A96



304500

Square

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



5E0A96



8B0000



004E00



005495

Rectangle

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



5E0A96



9F0038



004E00



005247

Sweetspot

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



5E0A96



AC8CC2



0A4296



544061



E0E0E0



616161

Same Dimension

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



5E0A96



7400C2



960A88



47434A



53008A



06000A

Inverse Universe

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



960A42



C2004E



0A9618



4A4346



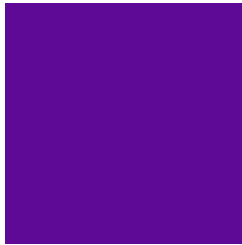
8A0037



0A0004

Previews

White Background



This preview shows how the Hex color 5E0A96 looks on a white background.

Color Contrast Check

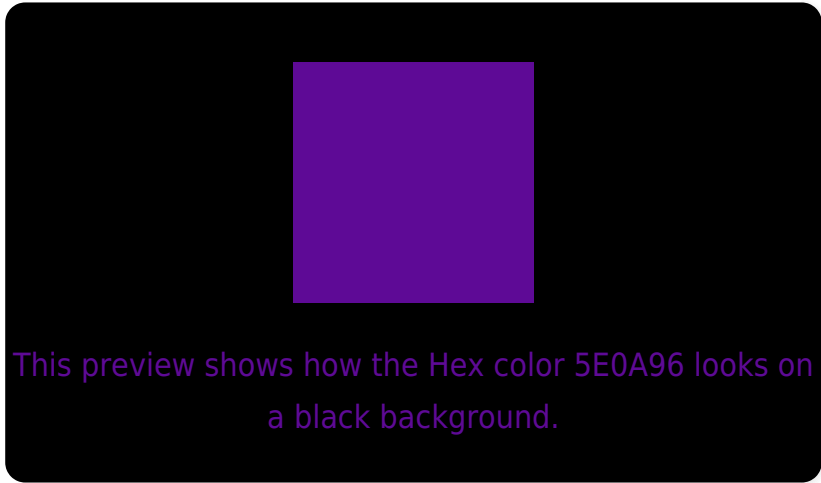
Large Text (above 18pt) WCAG AA ✓ Pass

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

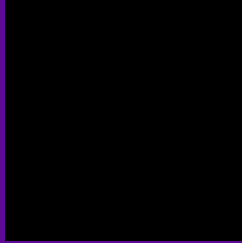
Any Text WCAG AA × Fail

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 5E0A96 Background



This preview shows how black text looks on a background with the Hex color 5E0A96.



This preview shows how white text looks on a background with the Hex color 5E0A96.

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
5E0A96

Protanopia
003E82

Deuteranopia
004270



Tritanopia
4D3B40

Trichromacy



Original Color
5E0A96



Protanomaly
222B89



Deuteranomaly
222E7E



Tritanomaly
53295F

Monochromacy



Original Color
5E0A96



Achromatopsia
333333



Achromatomaly
432457

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E0A96 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 #5E0A96 looks like.

```
.text, #text, p{  
    color:#5E0A96  
}
```

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 #5E0A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0A96
}
```

Border

The CSS property to change the border of an element to Hex 5E0A96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

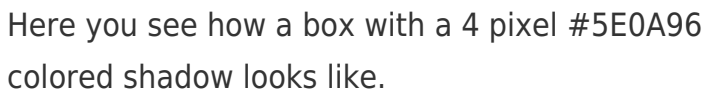
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E0A96 }
```

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

```
.border{ border-color:#5E0A96 }
```

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



Here you see how a box with a 4 pixel #5E0A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0A96; -webkit-box-shadow:4px 4px  
4px 4px #5E0A96; box-shadow:4px 4px 4px  
4px #5E0A96 }
```

Background

The CSS property to change the background color of an element to Hex 5E0A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0A96 }
```

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

```
.background{ background-color:#5E0A96 }
```

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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