

Converting Colors

Hex(5E1A96)

Have a look what the booklet for
Hex(5E1A96) contains.

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Color

Hex(5E1A96)

Conversions

Conversions Part 1

Format	Color
Hex	5E1A96
RGB	94, 26, 150
RGB Percent	37%, 10%, 59%
CMY	0.6314, 0.8980, 0.4118
CMYK	0.37, 0.83, 0.00, 0.41
HSL	273°, 70%, 35%
HSV	273°, 83%, 59%
XYZ	10.4905, 5.3205, 29.3282
YIQ	60.4680, 0.7240, 52.9800

Conversions

Conversions Part 2

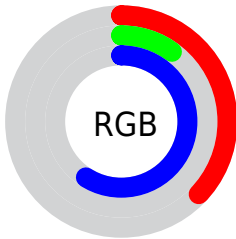
Format	Color
R_{YB}	94, 26, 150
Decimal	6167190
CIE _{Lab}	27.63, 51.78, -53.94
CIE _{LCh}	28, 74.775, 313.832
Yxy	5.3205, 0.2324, 0.1179
Android (android.graphics.Color)	4284357270 (0xFF5E1A96)
YUV	60.4680, 44.1393, 29.4076
Hunter-Lab	23.0662, 40.8161, -59.2398

Details

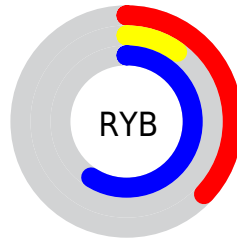
The Hex color **5E1A96** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **52961A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **964FCD**, and **250062** is the 20% darker color. If you saturate the color by 10%, you get **570B96**, and if you desaturate by 10%, it is **652996**.

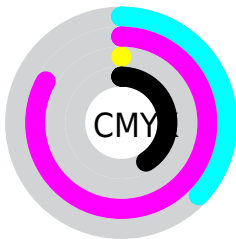
Distribution



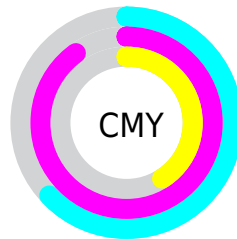
- Red (37%)
- Green (10%)
- Blue (59%)



- Red (37%)
- Yellow (10%)
- Blue (59%)



- Cyan (37%)
- Magenta (83%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (90%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1A96 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 5E1A96 by changing the saturation by 10% instead.

■ 5E1A96

■ 5E1A96

FFFFFF

■ 42007C

■ 964FCD

■ 250062

■ B269EA

■ 060049

■ CF84FF

■ 000432

■ EC9FFF

■ 00011C

■ FFBBFF

■ 000000

■ FFD7FF

■ FFF4FF

■ 5E1A96

■ 5E1A96

■ 570B96

■ 652996

■ 520096

■ 6C3896

■ 724796

■ 795696

■ 806596

■ 877496

■ 8D8396

■ 949296

■ 9BA196

Harmonies

Analogous

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



0042B4



5E1A96



930063

Triad

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



5E1A96



6A3300



00565C

Complementary

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



5E1A96



52961A

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.



00541E



5E1A96



384700

Square

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



5E1A96



8D0000



005000



005691

Rectangle

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



5E1A96



9E003D



005000



005648

Sweetspot

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



5E1A96



AC91C2



1A5496



544461



E0E0E0



616161

Same Dimension

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



5E1A96



6B02C2



961A92



47434A



4C008A



06000A

Inverse Universe

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



961A52



C20259



1A961E



4A4346



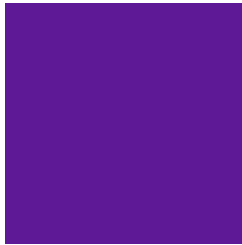
8A003E



0A0005

Previews

White Background



This preview shows how the Hex color 5E1A96 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

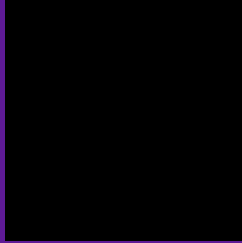
Any Text WCAG AA × Fail

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 5E1A96 Background



This preview shows how black text looks on a background with the Hex color 5E1A96.

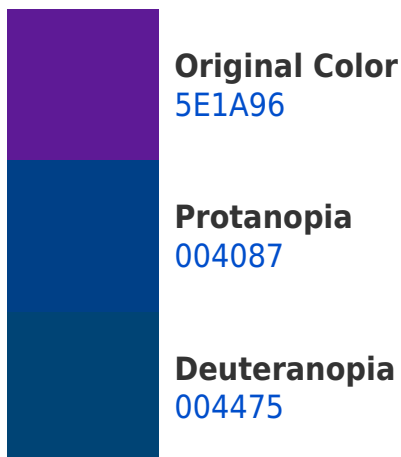


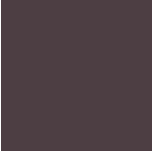
This preview shows how white text looks on a background with the Hex color 5E1A96.

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](#).

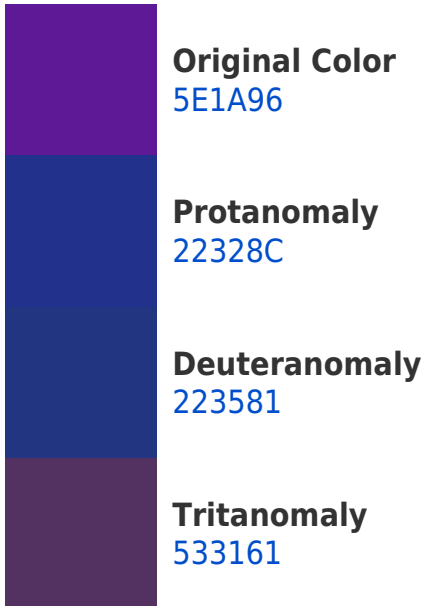
Dichromacy



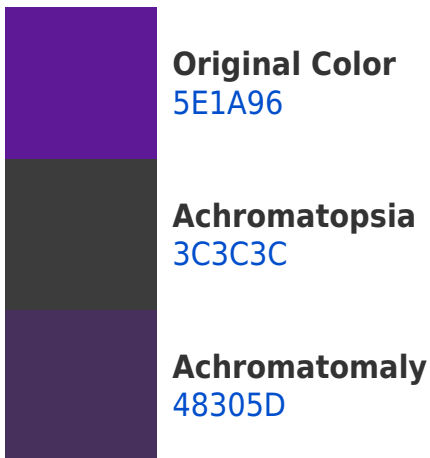


Tritanopia
4D3E43

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1A96 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 #5E1A96 looks like.

```
.text, #text, p{  
    color:#5E1A96  
}
```

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 #5E1A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1A96
}
```

Border

The CSS property to change the border of an element to Hex 5E1A96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

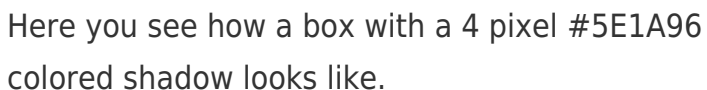
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E1A96 }
```

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

```
.border{ border-color:#5E1A96 }
```

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



Here you see how a box with a 4 pixel #5E1A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1A96; -webkit-box-shadow:4px 4px  
4px 4px #5E1A96; box-shadow:4px 4px 4px  
4px #5E1A96 }
```

Background

The CSS property to change the background color of an element to Hex 5E1A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1A96 }
```

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

```
.background{ background-color:#5E1A96 }
```

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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