

Converting Colors

Hex(5A1E5D)

Have a look what the booklet for
Hex(5A1E5D) contains.

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Color

Hex(5A1E5D)

Conversions

Conversions Part 1

Format	Color
Hex	5A1E5D
RGB	90, 30, 93
RGB Percent	35%, 12%, 36%
CMY	0.6471, 0.8824, 0.6353
CMYK	0.03, 0.68, 0.00, 0.64
HSL	297°, 51%, 24%
HSV	297°, 68%, 36%
XYZ	6.6565, 3.8925, 10.7564
YIQ	55.1220, 15.5370, 32.3130

Conversions

Conversions Part 2

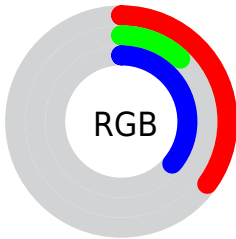
Format	Color
RYB	90, 30, 93
Decimal	5906013
CIELab	23.31, 36.65, -24.67
CIElCh	23, 44.178, 326.046
Yxy	3.8925, 0.3124, 0.1827
Android (android.graphics.Color)	4284096093 (0xFF5A1E5D)
YUV	55.1220, 18.6739, 30.5880
Hunter-Lab	19.7295, 25.6974, -18.5140

Details

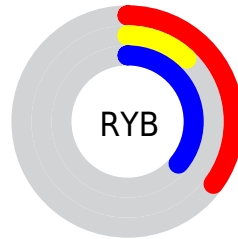
The Hex color **5A1E5D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **215D1E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8E4F90**, and **2A002F** is the 20% darker color. If you saturate the color by 10%, you get **5A155D**, and if you desaturate by 10%, it is **5A275D**.

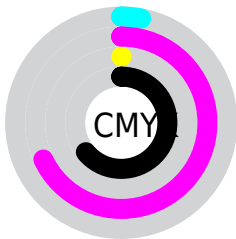
Distribution



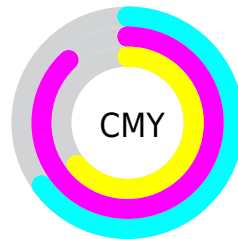
- Red (35%)
- Green (12%)
- Blue (36%)



- Red (35%)
- Yellow (12%)
- Blue (36%)



- Cyan (3%)
- Magenta (68%)
- Yellow (0%)
- Black (64%)



- Cyan (65%)
- Magenta (88%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1E5D 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 5A1E5D by changing the saturation by 10% instead.

■ 5A1E5D

■ 5A1E5D

FFFFFF

■ 410345

■ 8E4F90

■ 2A002F

■ A968AA

■ 050019

■ C582C6

■ 000000

■ E29DE2

■ FFB8FF

■ FFD4FF

■ FFF1FF

■ 5A1E5D

■ 5A1E5D

■ 5A155D

■ 5A275D

■ 590B5D

■ 5B315D

■ 59025D

■ 5B3A5D

■ 59005D

■ 5C435D

■ 5C4D5D

■ 5D565D

■ 5D5F5D

■ 5E685D

■ 5E725D

Harmonies

Analogous

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



293174



5A1E5D



6E0B3D

Triad

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



5A1E5D



493500



004654

Complementary

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



5A1E5D



215D1E

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.



004532



5A1E5D



2A3E00

Square

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



5A1E5D



612600



00430E



00446E

Rectangle

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



5A1E5D



700D28



00430E



004649

Sweetspot

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



5A1E5D



776078



1E215D



3D2F3D



BDBDBD



3D3D3D

Same Dimension

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



5A1E5D



731778



5D1E41



2E292E



68006E



E200ED

Inverse Universe

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



5D1E21



78171B



1E5D3A



2E292A



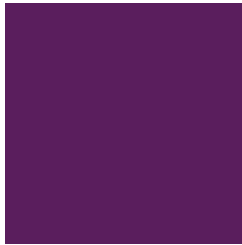
6E0005



ED000B

Previews

White Background



This preview shows how the Hex color 5A1E5D looks on a white background.

Color Contrast Check

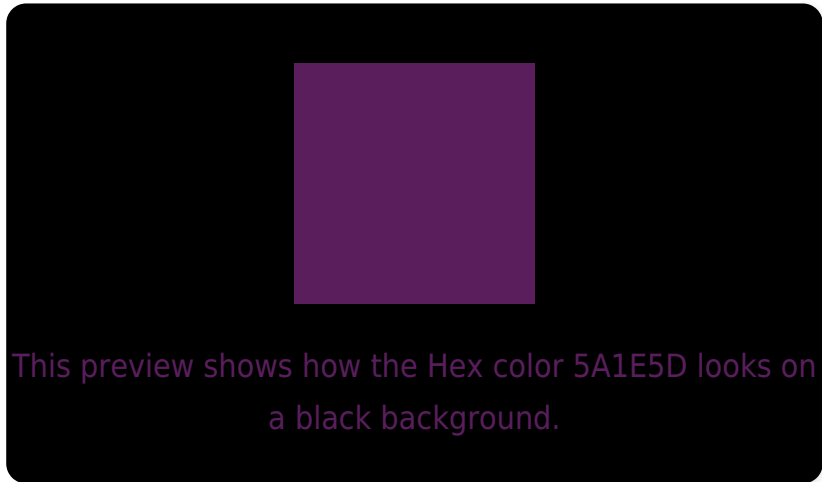
Large Text (above 18pt) WCAG AA ✓ Pass

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

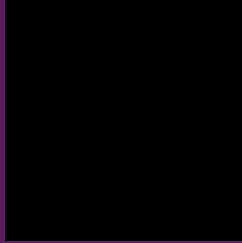
Any Text WCAG AA × Fail

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 5A1E5D Background



This preview shows how black text looks on a background with the Hex color 5A1E5D.

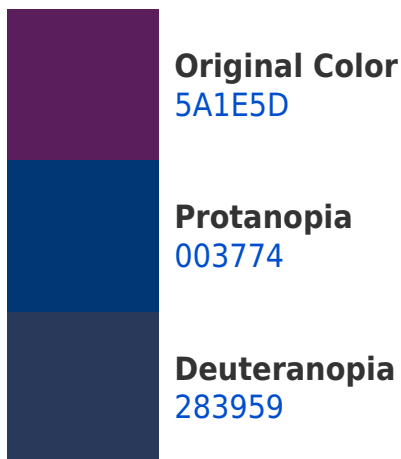


This preview shows how white text looks on a background with the Hex color 5A1E5D.

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
552D30

Trichromacy



Original Color
5A1E5D



Protanomaly
212E6C



Deuteranomaly
3A2F5A



Tritanomaly
572840

Monochromacy



Original Color
5A1E5D



Achromatopsia
373737



Achromatomaly
442E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1E5D 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 #5A1E5D looks like.

```
.text, #text, p{  
    color:#5A1E5D  
}
```

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 #5A1E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1E5D
}
```

Border

The CSS property to change the border of an element to Hex 5A1E5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

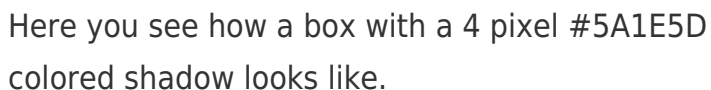
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A1E5D }
```

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

```
.border{ border-color:#5A1E5D }
```

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



Here you see how a box with a 4 pixel #5A1E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1E5D; -webkit-box-shadow:4px 4px  
4px 4px #5A1E5D; box-shadow:4px 4px 4px  
4px #5A1E5D }
```

Background

The CSS property to change the background color of an element to Hex 5A1E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1E5D }
```

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

```
.background{ background-color:#5A1E5D }
```

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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