

Converting Colors

Hex(5D1E7D)

Have a look what the booklet for
Hex(5D1E7D) contains.

Hex(5D1E7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D1E7D)

Conversions

Conversions Part 1

Format	Color
Hex	5D1E7D
RGB	93, 30, 125
RGB Percent	36%, 12%, 49%
CMY	0.6353, 0.8824, 0.5098
CMYK	0.26, 0.76, 0.00, 0.51
HSL	280°, 61%, 30%
HSV	280°, 76%, 49%
XYZ	8.6801, 4.7364, 19.8588
YIQ	59.6670, 7.0530, 42.9010

Conversions

Conversions Part 2

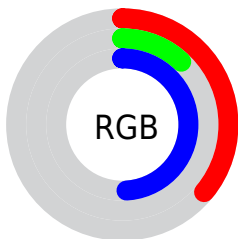
Format	Color
RYB	93, 30, 125
Decimal	6102653
CIELab	25.97, 44.26, -41.06
CIElCh	26, 60.371, 317.148
Yxy	4.7364, 0.2609, 0.1423
Android (android.graphics.Color)	4284292733 (0xFF5D1E7D)
YUV	59.6670, 32.2092, 29.2330
Hunter-Lab	21.7632, 33.1082, -38.8674

Details

The Hex color **5D1E7D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3E7D1E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9351B2**, and **29004B** is the 20% darker color. If you saturate the color by 10%, you get **59127D**, and if you desaturate by 10%, it is **612B7D**.

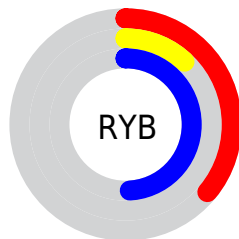
Distribution



Red (36%)

Green (12%)

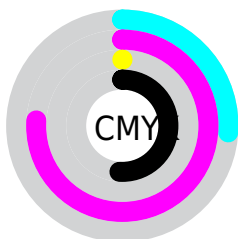
Blue (49%)



Red (36%)

Yellow (12%)

Blue (49%)

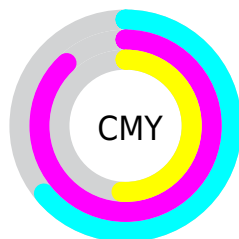


Cyan (26%)

Magenta (76%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (88%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D1E7D 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 5D1E7D by changing the saturation by 10% instead.

■ 5D1E7D

■ 5D1E7D

FFFFFF

■ 430064

■ 9351B2

■ 29004B

■ AE6ACE

■ 100034

■ CB85EB

■ 00021E

■ E7A0FF

■ 000000

■ FFBBFF

■ FFD7FF

■ FFF4FF

■ 5D1E7D

■ 5D1E7D

■ 59127D

■ 612B7D

■ 55057D

■ 65377D

■ 53007D

■ 6A447D

■ 6E507D

■ 725D7D

■ 76697D

■ 7A767D

■ 7F827D

■ 838F7D

Harmonies

Analogous

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



003B97



5D1E7D



820053

Triad

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



5D1E7D



5C3400



005058

Complementary

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



5D1E7D



3E7D1E

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.



004E27



5D1E7D



344300

Square

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



5D1E7D



7B1600



004B00



004F81

Rectangle

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



5D1E7D



8A0035



004B00



004F48

Sweetspot

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



5D1E7D



977EA3



1E3F7D



4A3B52



D1D1D1



525252

Same Dimension

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



5D1E7D



710FA3



7D1E6F



3E3940



550080



000000

Inverse Universe

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



7D1E3E



A30F41



1E7D2C



40393C



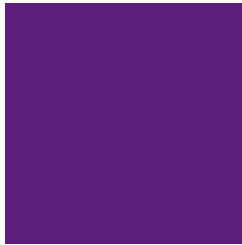
80002B



000000

Previews

White Background



This preview shows how the Hex color 5D1E7D looks on a white background.

Color Contrast Check

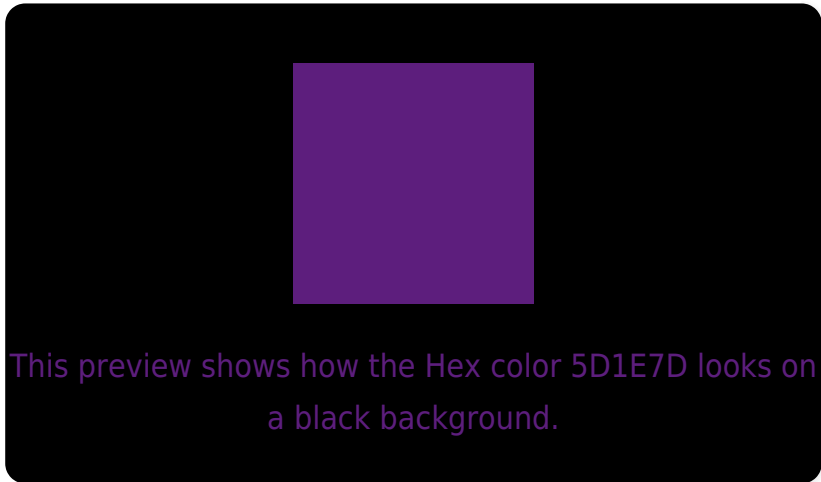
Large Text (above 18pt) WCAG AA ✓ Pass

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

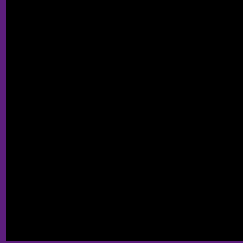
Any Text WCAG AA × Fail

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 5D1E7D Background



This preview shows how black text looks on a background with the Hex color 5D1E7D.



This preview shows how white text looks on a background with the Hex color 5D1E7D.

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
5D1E7D

Protanopia
003C80

Deuteranopia
004070



Tritanopia
52373B

Trichromacy



Original Color
5D1E7D



Protanomaly
22317F



Deuteranomaly
223475



Tritanomaly
562E53

Monochromacy



Original Color
5D1E7D



Achromatopsia
3C3C3C



Achromatomaly
483154

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D1E7D 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 #5D1E7D looks like.

```
.text, #text, p{  
    color:#5D1E7D  
}
```

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 #5D1E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1E7D
}
```

Border

The CSS property to change the border of an element to Hex 5D1E7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

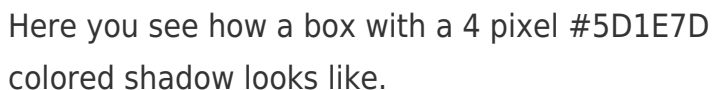
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D1E7D }
```

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

```
.border{ border-color:#5D1E7D }
```

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



Here you see how a box with a 4 pixel #5D1E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1E7D; -webkit-box-shadow:4px 4px  
4px 4px #5D1E7D; box-shadow:4px 4px 4px  
4px #5D1E7D }
```

Background

The CSS property to change the background color of an element to Hex 5D1E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1E7D }
```

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

```
.background{ background-color:#5D1E7D }
```

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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