

# Converting Colors

Hex(5D17A3)

Have a look what the booklet for  
Hex(5D17A3) contains.

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# Color

**Hex(5D17A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D17A3
RGB	93, 23, 163
RGB Percent	36%, 9%, 64%
CMY	0.6353, 0.9098, 0.3608
CMYK	0.43, 0.86, 0.00, 0.36
HSL	270°, 75%, 36%
HSV	270°, 86%, 64%
XYZ	11.4315, 5.5843, 35.1257
YIQ	59.8900, -3.2200, 58.3800

# Conversions

## Conversions Part 2

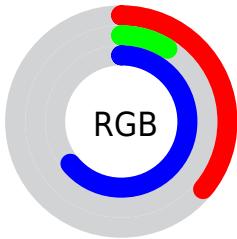
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 23, 163
Decimal	6100899
CIELab	28.34, 55.69, -60.72
CIElCh	28, 82.395, 312.526
Yxy	5.5843, 0.2192, 0.1071
Android (android.graphics.Color)	4284290979 (0xFF5D17A3)
YUV	59.8900, 50.8332, 29.0375
Hunter-Lab	23.6311, 44.9942, -71.5879

# Details

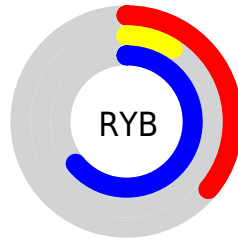
The Hex color **5D17A3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5DA317**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **964EDB**, and **20006E** is the 20% darker color. If you saturate the color by 10%, you get **5507A3**, and if you desaturate by 10%, it is **6527A3**.

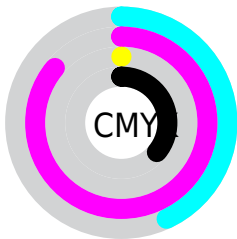
# Distribution



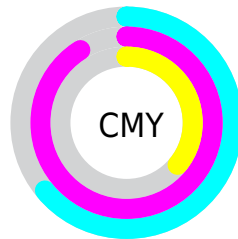
- Red (36%)
- Green (9%)
- Blue (64%)



- Red (36%)
- Yellow (9%)
- Blue (64%)



- Cyan (43%)
- Magenta (86%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (91%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D17A3 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 5D17A3 by changing the saturation by 10% instead.



5D17A3

5D17A3

FFFFFF

400088

964EDB

20006E

B368F8

000055

D083FF

00023C

EE9EFF

000226

FFBAFF

00010E

FFD7FF

000000

FFF4FF

5D17A3

5D17A3

■ 5507A3

■ 6527A3

■ 5200A3

■ 6D38A3

■ 7548A3

■ 7E58A3

■ 8669A3

■ 8E79A3

■ 9689A3

■ 9E99A3

■ A6AAA3

# Harmonies

## Analogous

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



0045C3



5D17A3



9B006B

# Triad

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



5D17A3



703100



00595D

# Complementary

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



5D17A3



5DA317

# 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.



005718



5D17A3



3A4900

# Square

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



5D17A3



970000



005300



005A9A

# Rectangle

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



5D17A3



A80041



005300



005847



# Sweetspot

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



5D17A3



B89DD4



175DA3



5A4A6B



EBEBEB



6B6B6B



# Same Dimension

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



5D17A3



6A00D4



A317A3



4E4952



490091



090012



# Inverse Universe

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



A3175D



D4006A



17A317



52494E



910049

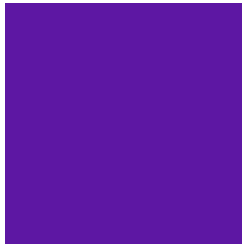


120009



# Previews

## White Background



This preview shows how the Hex color 5D17A3 looks on a white background.

## Color Contrast Check

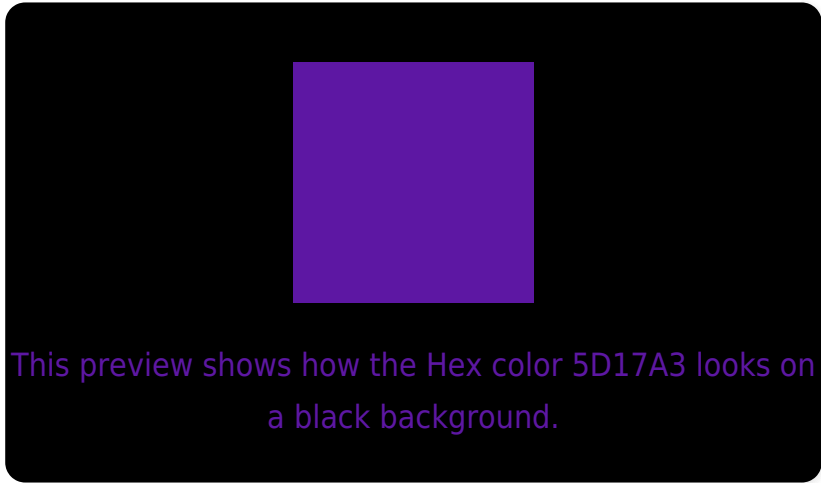
Large Text (above 18pt) WCAG AA ✓ Pass

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

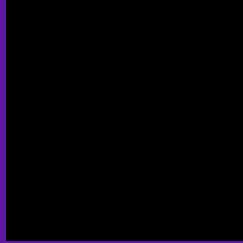
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D17A3 Background



This preview shows how black text looks on a background with the Hex color 5D17A3.



This preview shows how white text looks on a background with the Hex color 5D17A3.

# 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**  
5D17A3

**Protanopia**  
00428A

**Deuteranopia**  
004677



**Tritanopia**  
484247

# Trichromacy



**Original Color**  
5D17A3



**Protanomaly**  
223293



**Deuteranomaly**  
223587



**Tritanomaly**  
503268

# Monochromacy



**Original Color**  
5D17A3



**Achromatopsia**  
3C3C3C



**Achromatomaly**  
482F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D17A3 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 #5D17A3 looks like.

```
.text, #text, p{  
    color:#5D17A3  
}
```

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 #5D17A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D17A3
}
```

## Border

The CSS property to change the border of an element to Hex 5D17A3 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
#5D17A3 }
```

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

```
.border{ border-color:#5D17A3 }
```

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

Here you see how a box with a 4 pixel #5D17A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D17A3; -webkit-box-shadow:4px 4px  
4px 4px #5D17A3; box-shadow:4px 4px 4px  
4px #5D17A3 }
```

# Background

The CSS property to change the background color of an element to Hex 5D17A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D17A3 }
```

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

```
.background{ background-color:#5D17A3 }
```

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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