

# Converting Colors

Hex(5D3E7A)

Have a look what the booklet for  
Hex(5D3E7A) contains.

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# Color

Hex(5D3E7A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D3E7A
RGB	93, 62, 122
RGB Percent	36%, 24%, 48%
CMY	0.6353, 0.7569, 0.5216
CMYK	0.24, 0.49, 0.00, 0.52
HSL	271°, 33%, 36%
HSV	271°, 49%, 48%
XYZ	9.7497, 7.1775, 19.2839
YIQ	78.1090, -0.7840, 25.2320

# Conversions

## Conversions Part 2

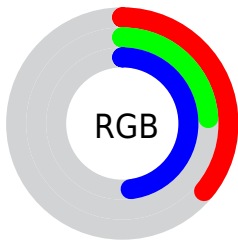
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 62, 122
Decimal	6110842
CIE <sub>Lab</sub>	32.21, 26.26, -29.20
CIE <sub>LCh</sub>	32, 39.274, 311.971
Yxy	7.1775, 0.2692, 0.1982
Android (android.graphics.Color)	4284300922 (0xFF5D3E7A)
YUV	78.1090, 21.6383, 13.0594
Hunter-Lab	26.7909, 18.0750, -23.9228

# Details

The Hex color **5D3E7A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5B7A3E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **916EAF**, and **2C1249** is the 20% darker color. If you saturate the color by 10%, you get **57327A**, and if you desaturate by 10%, it is **634A7A**.

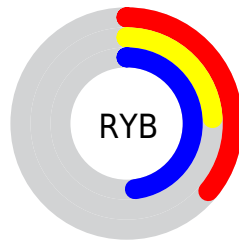
# Distribution



Red (36%)

Green (24%)

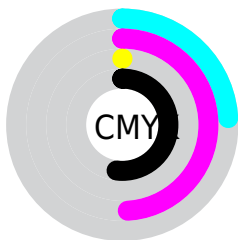
Blue (48%)



Red (36%)

Yellow (24%)

Blue (48%)

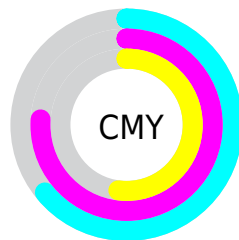


Cyan (24%)

Magenta (49%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (76%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D3E7A 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 5D3E7A by changing the saturation by 10% instead.



■ 5D3E7A

■ 5D3E7A

FFFFFF

■ 442761

■ 916EAF

■ 2C1249

■ AC88CA

■ 190032

■ C8A2E7

■ 00021C

■ E4BEFF

■ 000000

■ FFDAFF

■ FFF6FF

■ 5D3E7A

■ 5D3E7A

■ 57327A

■ 634A7A

51267A

69567A

4B197A

6F637A

450D7A

756F7A

40017A

7A7B7A

3F007A

80877A

86937A

8CA07A

92AC7A

# Harmonies

## Analogous

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



224B88



5D3E7A



7A3160

# Triad

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



5D3E7A



6A430C



005A58

# Complementary

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



5D3E7A



5B7A3E

# 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.



005937



5D3E7A



504E05

# Square

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



5D3E7A



7D3724



2D551A



005974

# Rectangle

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



5D3E7A



822D4B



2D551A



005A4D



# Sweetspot

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



5D3E7A



93869E



3E5B7A



48414F



CFCFCF



4F4F4F



# Same Dimension

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



5D3E7A



71419E



7A3E79



3A373D



41007D



8200FC



# Inverse Universe

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



7A3E5B



9E416E



3E7A3F



3D373A



7D003C



FC007A



# Previews

## White Background



This preview shows how the Hex color 5D3E7A looks on a white background.

## Color Contrast Check

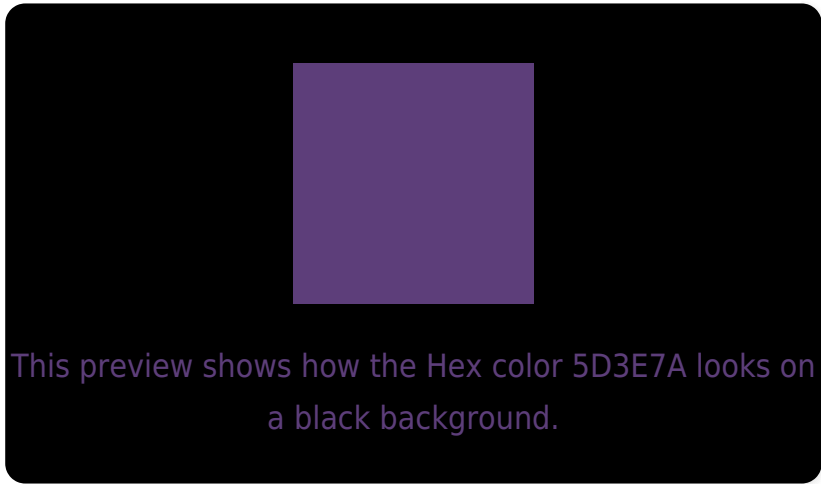
Large Text (above 18pt) WCAG AA ✓ Pass

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

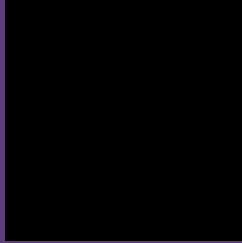
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D3E7A Background



This preview shows how black text looks on a background with the Hex color 5D3E7A.



This preview shows how white text looks on a background with the Hex color 5D3E7A.

# 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**  
5D3E7A

**Protanopia**  
314A85

**Deuteranopia**  
354C77



**Tritanopia**  
55484E

# Trichromacy



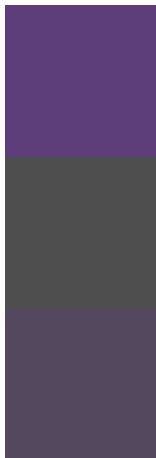
**Original Color**  
5D3E7A

**Protanomaly**  
414681

**Deuteranomaly**  
444778

**Tritanomaly**  
58445E

# Monochromacy



**Original Color**  
5D3E7A

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
53485E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D3E7A 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 #5D3E7A looks like.

```
.text, #text, p{  
    color:#5D3E7A  
}
```

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 #5D3E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3E7A
}
```

## Border

The CSS property to change the border of an element to Hex 5D3E7A 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
#5D3E7A }
```

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

```
.border{ border-color:#5D3E7A }
```

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

Here you see how a box with a 4 pixel #5D3E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3E7A; -webkit-box-shadow:4px 4px  
4px 4px #5D3E7A; box-shadow:4px 4px 4px  
4px #5D3E7A }
```

# Background

The CSS property to change the background color of an element to Hex 5D3E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3E7A }
```

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

```
.background{ background-color:#5D3E7A }
```

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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