

# Converting Colors

Hex(553D7B)

Have a look what the booklet for  
Hex(553D7B) contains.

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# Color

Hex(553D7B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	553D7B
RGB	85, 61, 123
RGB Percent	33%, 24%, 48%
CMY	0.6667, 0.7608, 0.5176
CMYK	0.31, 0.50, 0.00, 0.52
HSL	263°, 34%, 36%
HSV	263°, 50%, 48%
XYZ	8.9902, 6.6988, 19.5581
YIQ	75.2440, -5.5980, 24.3700

# Conversions

## Conversions Part 2

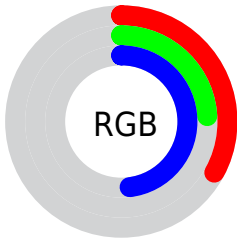
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 61, 123
Decimal	5586299
CIE <sub>Lab</sub>	31.11, 24.75, -31.62
CIE <sub>LCh</sub>	31, 40.153, 308.050
Yxy	6.6988, 0.2551, 0.1901
Android (android.graphics.Color)	4283776379 (0xFF553D7B)
YUV	75.2440, 23.5437, 8.5560
Hunter-Lab	25.8821, 16.7086, -26.6855

# Details

The Hex color **553D7B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **637B3D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **896DB0**, and **24114A** is the 20% darker color. If you saturate the color by 10%, you get **4D317B**, and if you desaturate by 10%, it is **5D497B**.

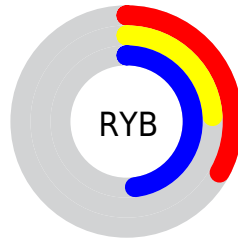
# Distribution



Red (33%)

Green (24%)

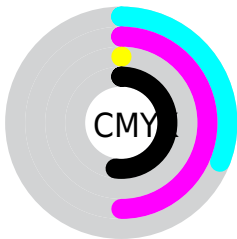
Blue (48%)



Red (33%)

Yellow (24%)

Blue (48%)

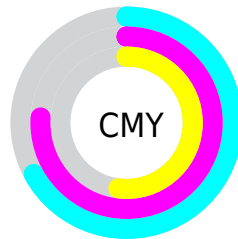


Cyan (31%)

Magenta (50%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (76%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 553D7B 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 553D7B by changing the saturation by 10% instead.



■ 553D7B

■ 553D7B

FFFFFF

■ 3C2762

■ 896DB0

■ 24114A

■ A387CC

■ 120033

■ BFA1E8

■ 00021D

■ DBBCFF

■ 000000

■ F8D8FF

■ FFF4FF

■ 553D7B

■ 553D7B

■ 4D317B

■ 5D497B

46247B

64567B

3E187B

6C627B

370C7B

736E7B

30007B

7B7B7B

82877B

8A937B

919F7B

99AC7B

# Harmonies

## Analogous

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



034A88



553D7B



752F61

# Triad

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



553D7B



6B3F0A



005851

# Complementary

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



553D7B



637B3D

# 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.



005630



553D7B



514A00

# Square

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



553D7B



7C3224



2F5213



00576F

# Rectangle

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



553D7B



7F2A4D



2F5213



005846



# Sweetspot

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



553D7B



9289A1



3D637B



494352



D1D1D1



525252



# Same Dimension

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



553D7B



6640A1



743D7B



39373D



30007D



6200FC



# Inverse Universe

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



7B3D63



A1407B



447B3D



3D373B



7D004D

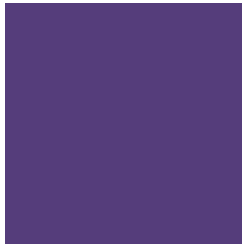


FC009B



# Previews

## White Background



This preview shows how the Hex color 553D7B 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

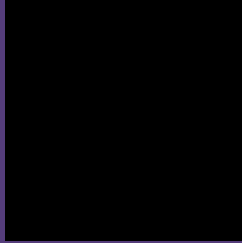
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 553D7B Background



This preview shows how black text looks on a background with the Hex color 553D7B.

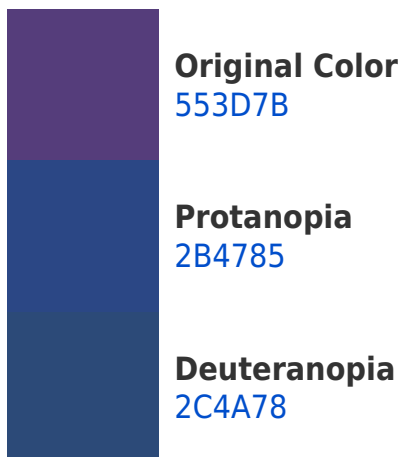


This preview shows how white text looks on a background with the Hex color 553D7B.

# 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**  
4C484E

# Trichromacy



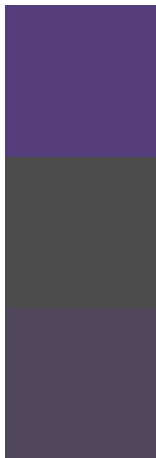
**Original Color**  
553D7B

**Protanomaly**  
3A4381

**Deuteranomaly**  
3B4579

**Tritanomaly**  
4F445E

# Monochromacy



**Original Color**  
553D7B

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4F465C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 553D7B 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 #553D7B looks like.

```
.text, #text, p{  
    color:#553D7B  
}
```

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 #553D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553D7B
}
```

## Border

The CSS property to change the border of an element to Hex 553D7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

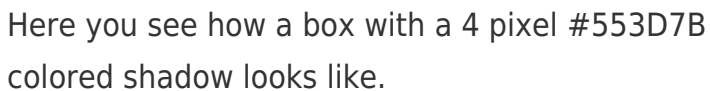
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553D7B }
```

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

```
.border{ border-color:#553D7B }
```

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



Here you see how a box with a 4 pixel #553D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553D7B; -webkit-box-shadow:4px 4px  
4px 4px #553D7B; box-shadow:4px 4px 4px  
4px #553D7B }
```

# Background

The CSS property to change the background color of an element to Hex 553D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553D7B }
```

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

```
.background{ background-color:#553D7B }
```

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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