

# Converting Colors

Hex(573B8F)

Have a look what the booklet for  
Hex(573B8F) contains.

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# Color

Hex(573B8F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	573B8F
RGB	87, 59, 143
RGB Percent	34%, 23%, 56%
CMY	0.6588, 0.7686, 0.4392
CMYK	0.39, 0.59, 0.00, 0.44
HSL	260°, 42%, 40%
HSV	260°, 59%, 56%
XYZ	10.4524, 7.1373, 26.8133
YIQ	76.9480, -10.2760, 32.0600

# Conversions

## Conversions Part 2

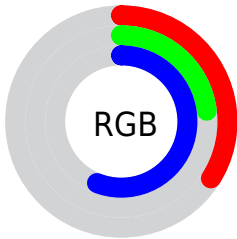
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 59, 143
Decimal	5716879
CIE <sub>Lab</sub>	32.12, 32.15, -42.40
CIE <sub>LCh</sub>	32, 53.208, 307.169
Yxy	7.1373, 0.2354, 0.1607
Android (android.graphics.Color)	4283906959 (0xFF573B8F)
<b>YUV</b>	76.9480, 32.5636, 8.8156
Hunter-Lab	26.7158, 23.0843, -40.8054

# Details

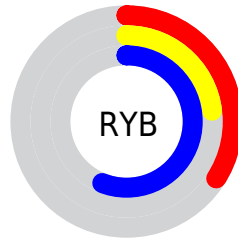
The Hex color **573B8F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **738F3B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8C6BC5**, and **220E5C** is the 20% darker color. If you saturate the color by 10%, you get **4D2D8F**, and if you desaturate by 10%, it is **61498F**.

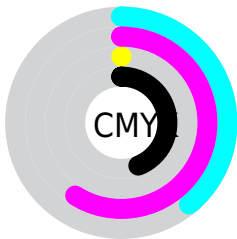
# Distribution



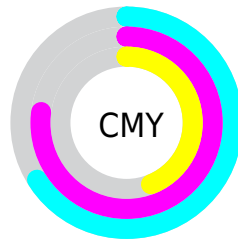
- Red (34%)
- Green (23%)
- Blue (56%)



- Red (34%)
- Yellow (23%)
- Blue (56%)



- Cyan (39%)
- Magenta (59%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (77%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 573B8F 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 573B8F by changing the saturation by 10% instead.



■ 573B8F

■ 573B8F

FFFFFF

■ 3D2475

■ 8C6BC5

■ 220E5C

■ A885E2

■ 080044

■ C49FFF

■ 00032D

■ E1BBFF

■ 000117

■ FED6FF

■ 000000

■ FFF3FF

■ 573B8F

■ 573B8F

■ 4D2D8F

■ 61498F

■ 441E8F

■ 6A588F

■ 3A108F

■ 74668F

■ 31028F

■ 7D748F

■ 30008F

■ 87838F

■ 90918F

■ 9A9F8F

■ A3AD8F

■ AD8C8F

# Harmonies

## Analogous

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



004EA0



573B8F



84226D

# Triad

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



573B8F



763D00



005E55

# Complementary

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



573B8F



738F3B

# 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.



005C29



573B8F



544D00

# Square

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



573B8F



8D261B



255700



005D7D

# Rectangle

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



573B8F



911451



255700



005D46



# Sweetspot

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



573B8F



A499BA



3B738F



514A5E



DEDEDE



5E5E5E



# Same Dimension

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



573B8F



6338BA



813B8F



434047



2D0087



030008



# Inverse Universe

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



8F3B73



BA388F



498F3B



474045



87005A

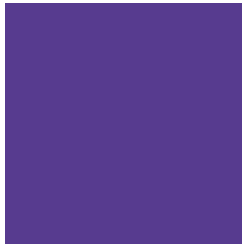


080005



# Previews

## White Background



This preview shows how the Hex color 573B8F looks on a white background.

## Color Contrast Check

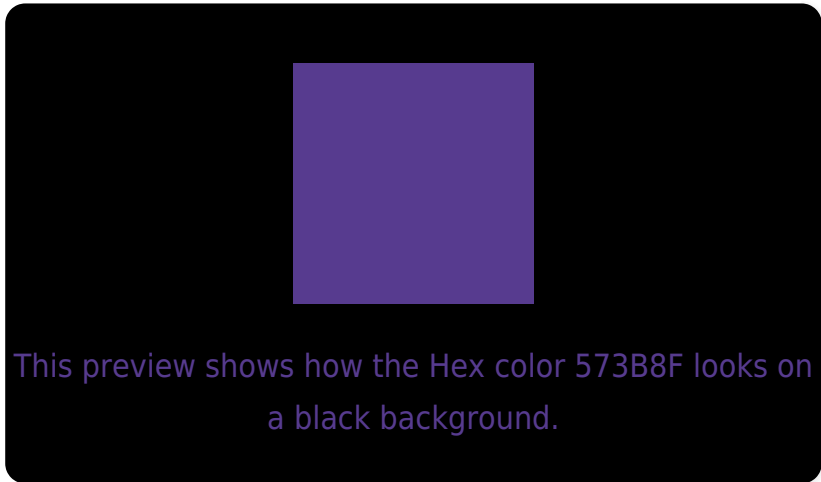
Large Text (above 18pt) WCAG AA ✓ Pass

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

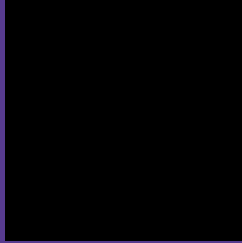
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 573B8F Background



This preview shows how black text looks on a background with the Hex color 573B8F.

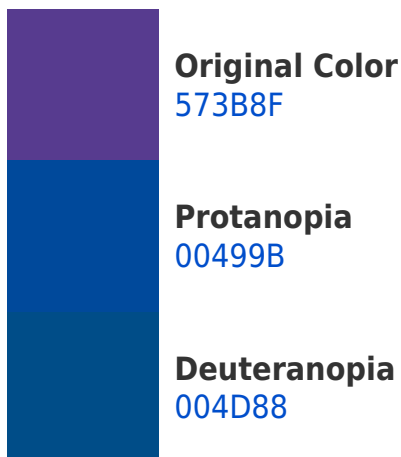


This preview shows how white text looks on a background with the Hex color 573B8F.

# 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](#).

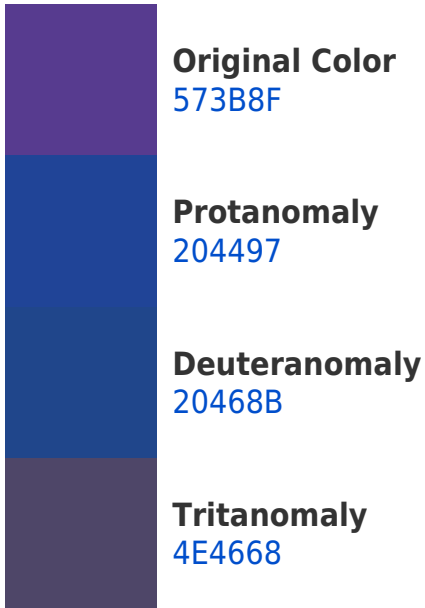
## Dichromacy



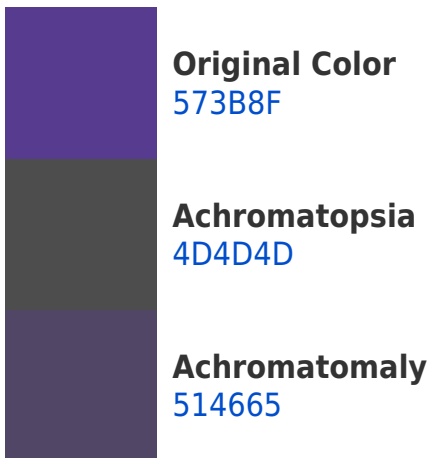


**Tritanopia**  
494C52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 573B8F 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 #573B8F looks like.

```
.text, #text, p{  
    color:#573B8F  
}
```

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 #573B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573B8F
}
```

## Border

The CSS property to change the border of an element to Hex 573B8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

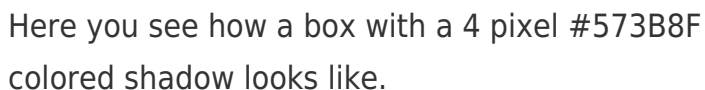
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#573B8F }
```

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

```
.border{ border-color:#573B8F }
```

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



Here you see how a box with a 4 pixel #573B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573B8F; -webkit-box-shadow:4px 4px  
4px 4px #573B8F; box-shadow:4px 4px 4px  
4px #573B8F }
```

# Background

The CSS property to change the background color of an element to Hex 573B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573B8F }
```

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

```
.background{ background-color:#573B8F }
```

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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