

# Converting Colors

Hex(57568C)

Have a look what the booklet for  
Hex(57568C) contains.

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# Color

Hex(57568C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57568C
RGB	87, 86, 140
RGB Percent	34%, 34%, 55%
CMY	0.6588, 0.6627, 0.4510
CMYK	0.38, 0.39, 0.00, 0.45
HSL	241°, 24%, 44%
HSV	241°, 39%, 55%
XYZ	11.9919, 10.5753, 26.2201
YIQ	92.4550, -16.7380, 17.0060

# Conversions

## Conversions Part 2

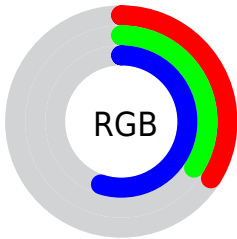
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 86, 140
Decimal	5723788
CIELab	38.86, 14.33, -29.85
CIElCh	39, 33.111, 295.643
Yxy	10.5753, 0.2458, 0.2168
Android (android.graphics.Color)	4283913868 (0xFF57568C)
YUV	92.4550, 23.4397, -4.7840
Hunter-Lab	32.5196, 8.9141, -25.0410

# Details

The Hex color **57568C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8C56**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8B88C2**, and **252959** is the 20% darker color. If you saturate the color by 10%, you get **49488C**, and if you desaturate by 10%, it is **65648C**.

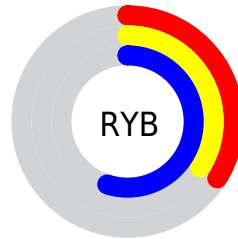
# Distribution



Red (34%)

Green (34%)

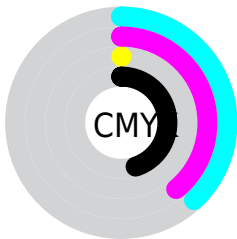
Blue (55%)



Red (34%)

Yellow (34%)

Blue (55%)

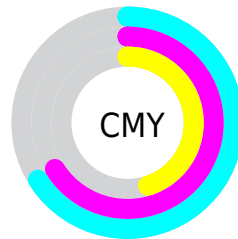


Cyan (38%)

Magenta (39%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (66%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57568C 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 57568C by changing the saturation by 10% instead.



■ 57568C

■ 57568C

FFFFFF

■ 3E3F72

■ 8B88C2

■ 252959

■ A6A2DE

■ 0A1542

■ C1BDFB

■ 00002C

■ DED9FF

■ 000116

■ FBF5FF

■ 000000

■ 57568C

■ 57568C

■ 49488C

■ 65648C

■ 3C3A8C

■ 72728C

■ 2E2C8C

■ 80808C

■ 201E8C

■ 8E8E8C

■ 12108C

■ 9C9C8C

■ 05028C

■ A9AA8C

■ 03008C

■ B7B88C

■ C5C68C

■ D3D48C

# Harmonies

## Analogous

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



1C6091



57568C



794C7A

# Triad

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



57568C



834F30



006957

# Complementary

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



57568C



8B8C56

# 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.



33663C



57568C



6F5924

# Square

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



57568C



8D4746



546129



006972

# Rectangle

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



57568C



87466A



546129



0D684D



# Sweetspot

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



57568C



A09FB5



568B8C



4F4F5C



DBDBDB



5C5C5C



# Same Dimension

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



57568C



6362B5



72568C



3E3E45



020085



000005



# Inverse Universe

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



8C568B



B562B4



708C56



453E45



850082



050005



# Previews

## White Background



This preview shows how the Hex color 57568C looks on a white background.

## Color Contrast Check

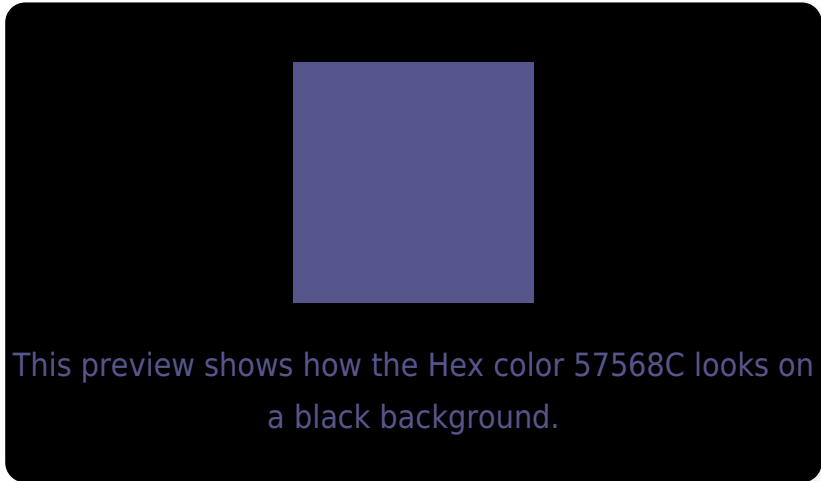
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

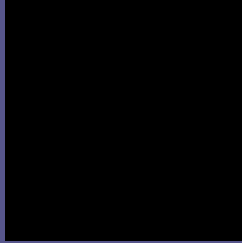
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57568C Background



This preview shows how black text looks on a background with the Hex color 57568C.

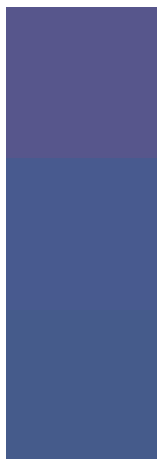


This preview shows how white text looks on a background with the Hex color 57568C.

# 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](#).

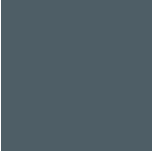
## Dichromacy



**Original Color**  
57568C

**Protanopia**  
485A8F

**Deuteranopia**  
455B8B



**Tritanopia**  
4E5E66

# Trichromacy



**Original Color**  
57568C

**Protanomaly**  
4D598E

**Deuteranomaly**  
4C598B

**Tritanomaly**  
515B74

# Monochromacy



**Original Color**  
57568C

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
5A5A6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57568C 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 #57568C looks like.

```
.text, #text, p{  
    color:#57568C  
}
```

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 #57568C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57568C
}
```

## Border

The CSS property to change the border of an element to Hex 57568C 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".

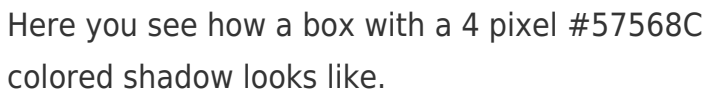
```
.border, #border, table{ border:4px solid
#57568C }
```

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

```
.border{ border-color:#57568C }
```

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

Here you see how a box with a 4 pixel #57568C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57568C; -webkit-box-shadow:4px 4px  
4px 4px #57568C; box-shadow:4px 4px 4px  
4px #57568C }
```

# Background

The CSS property to change the background color of an element to Hex 57568C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57568C }
```

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

```
.background{ background-color:#57568C }
```

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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