

Converting Colors

Hex(57638F)

Have a look what the booklet for
Hex(57638F) contains.

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Color

Hex(57638F)

Conversions

Conversions Part 1

Format	Color
Hex	57638F
RGB	87, 99, 143
RGB Percent	34%, 39%, 56%
CMY	0.6588, 0.6118, 0.4392
CMYK	0.39, 0.31, 0.00, 0.44
HSL	227°, 24%, 45%
HSV	227°, 39%, 56%
XYZ	13.3502, 12.9331, 27.7793
YIQ	100.4280, -21.2760, 11.1400

Conversions

Conversions Part 2

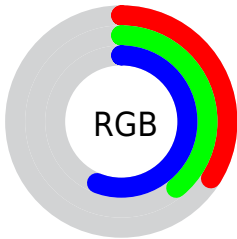
Format	Color
R_{YB}	87, 97, 143
Decimal	5727119
CIE Lab	42.66, 7.05, -25.71
CIE LCh	43, 26.656, 285.344
Yxy	12.9331, 0.2469, 0.2392
Android (android.graphics.Color)	4283917199 (0xFF57638F)
YUV	100.4280, 20.9880, -11.7764
Hunter-Lab	35.9626, 3.3293, -20.6247

Details

The Hex color **57638F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F8357**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8B96C5**, and **25355C** is the 20% darker color. If you saturate the color by 10%, you get **49588F**, and if you desaturate by 10%, it is **656E8F**.

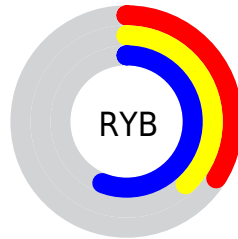
Distribution



Red (34%)

Green (39%)

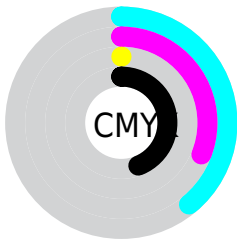
Blue (56%)



Red (34%)

Yellow (38%)

Blue (56%)

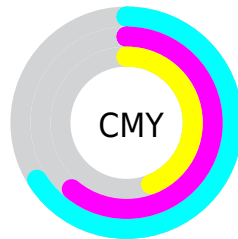


Cyan (39%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (66%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57638F 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 57638F by changing the saturation by 10% instead.

■ 57638F

FFFFFF

■ 8B96C5

■ A6B0E1

■ C1CCFE

■ DEE8FF

■ FBFFFF

■ 57638F

■ 3E4B75

■ 25355C

■ 0A2045

■ 00072E

■ 000119

■ 000000

■ 57638F

■ 49588F

■ 3A4D8F

■ 57638F

■ 656E8F

■ 74798F

■ 2C418F

■ 82858F

■ 1E368F

■ 90908F

■ 102B8F

■ 9F9B8F

■ 01208F

■ ADA68F

■ 001F8F

■ BBB28F

■ C9BD8F

■ D8C88F

Harmonies

Analogous

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



306A8F



57638F



755B84

Triad

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



57638F



8B5846



337059

Complementary

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



57638F



8F8357

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.



4F6D45



57638F



7C603A

Square

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



57638F



90545A



68673A



0D7070

Rectangle

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



57638F



845678



68673A



3D6F52

Sweetspot

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



57638F



A4A9BA



578F83



51545E



DEDEDE



5E5E5E

Same Dimension

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



57638F



6375BA



67578F



404247



001D87



000208

Inverse Universe

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



8F5763



BA6375



7F8F57



474042



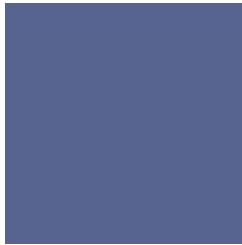
87001D



080002

Previews

White Background



This preview shows how the Hex color 57638F looks on a white background.

Color Contrast Check

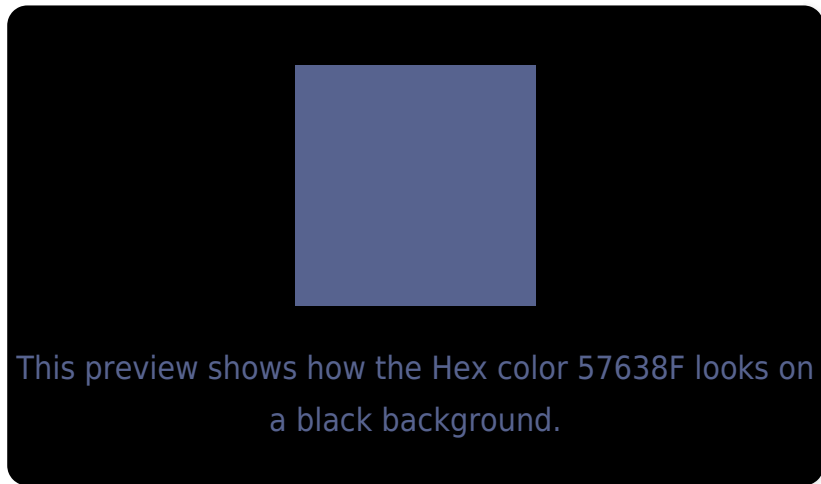
Large Text (above 18pt) WCAG AA ✓ Pass

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 57638F Background



This preview shows how black text looks on a background with the Hex color 57638F.



This preview shows how white text looks on a background with the Hex color 57638F.

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
57638F

Protanopia
57638F

Deuteranopia
55648F



Tritanopia
506971

Trichromacy



Original Color
57638F

Protanomaly
57638F

Deuteranomaly
56648F

Tritanomaly
53677C

Monochromacy



Original Color
57638F

Achromatopsia
646464

Achromatomaly
5F6474

CSS Examples

Text

The CSS property to change the color of the text to Hex 57638F 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 #57638F looks like.

```
.text, #text, p{  
    color:#57638F  
}
```

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 #57638F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57638F
}
```

Border

The CSS property to change the border of an element to Hex 57638F 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
#57638F }
```

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

```
.border{ border-color:#57638F }
```

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

Here you see how a box with a 4 pixel #57638F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57638F; -webkit-box-shadow:4px 4px  
4px 4px #57638F; box-shadow:4px 4px 4px  
4px #57638F }
```

Background

The CSS property to change the background color of an element to Hex 57638F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57638F }
```

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

```
.background{ background-color:#57638F }
```

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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