

Converting Colors

Hex(5F648A)

Have a look what the booklet for
Hex(5F648A) contains.

Hex(5F648A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F648A)

Conversions

Conversions Part 1

Format	Color
Hex	5F648A
RGB	95, 100, 138
RGB Percent	37%, 39%, 54%
CMY	0.6275, 0.6078, 0.4588
CMYK	0.31, 0.28, 0.00, 0.46
HSL	233°, 18%, 46%
HSV	233°, 31%, 54%
XYZ	13.8639, 13.3822, 25.8971
YIQ	102.8370, -15.1780, 10.7580

Conversions

Conversions Part 2

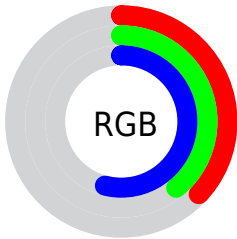
Format	Color
R_{YB}	95, 99, 138
Decimal	6251658
CIE _{Lab}	43.33, 7.45, -21.62
CIE _{LCh}	43, 22.865, 289.020
Yxy	13.3822, 0.2609, 0.2518
Android (android.graphics.Color)	4284441738 (0xFF5F648A)
YUV	102.8370, 17.3354, -6.8730
Hunter-Lab	36.5817, 3.6309, -16.3656

Details

The Hex color **5F648A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A855F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9397C0**, and **2F3658** is the 20% darker color. If you saturate the color by 10%, you get **51588A**, and if you desaturate by 10%, it is **6D708A**.

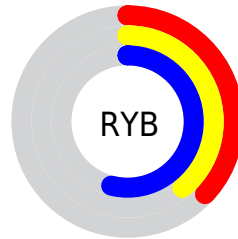
Distribution



Red (37%)

Green (39%)

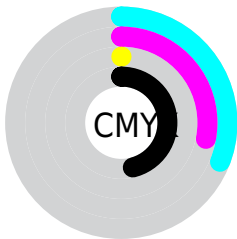
Blue (54%)



Red (37%)

Yellow (39%)

Blue (54%)

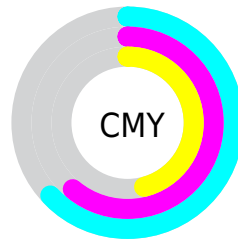


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (63%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F648A 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 5F648A by changing the saturation by 10% instead.

■ 5F648A

■ 5F648A

FFFFFF

■ 464C70

■ 9397C0

■ 2F3658

■ ADB1DB

■ 172040

■ C9CDF8

■ 01092A

■ E5E9FF

■ 000115

■ 000000

■ 5F648A

■ 5F648A

■ 51588A

■ 6D708A

■ 434C8A

■ 7B7C8A

■ 363F8A

■ 88898A

■ 28338A

■ 96958A

■ 1A278A

■ A4A18A

■ 0C1B8A

■ B2AD8A

■ 00108A

■ C0B98A

■ CDC68A

■ DBD28A

Harmonies

Analogous

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



426A8B



5F648A



785D7F

Triad

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



5F648A



875D4B



3B705F

Complementary

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



5F648A



8A855F

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.



526E4D



5F648A



7A6341

Square

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



5F648A



8C585B



676942



287172

Rectangle

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



5F648A



835A74



676942



427058

Sweetspot

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



5F648A



A2A4B3



5F8A85



4F5159



D9D9D9



595959

Same Dimension

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



5F648A



7078B3



6F5F8A



3E3F45



000F85



000105

Inverse Universe

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



8A5F64



B37078



7A8A5F



453E3F



85000F



050001

Previews

White Background



This preview shows how the Hex color 5F648A looks on a white background.

Color Contrast Check

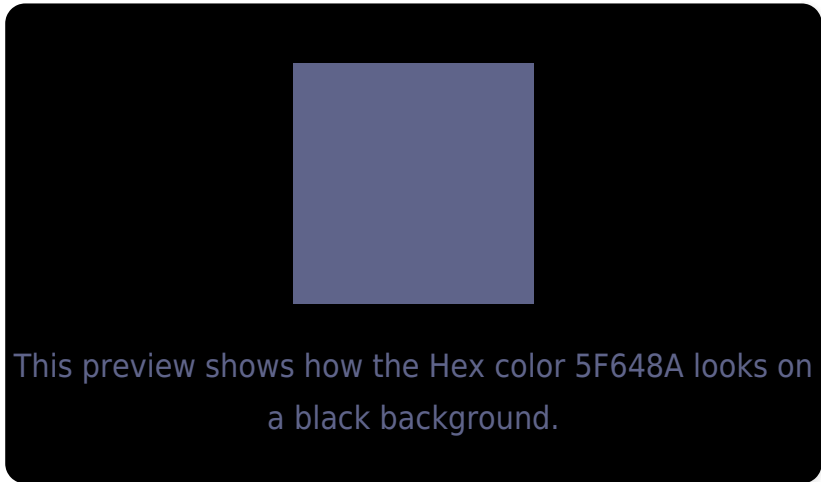
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F648A Background



This preview shows how black text looks on a background with the Hex color 5F648A.



This preview shows how white text looks on a background with the Hex color 5F648A.

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](#).

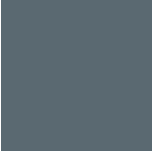
Dichromacy



Original Color
5F648A

Protanopia
5B658B

Deuteranopia
5C658A



Tritanopia
5A6971

Trichromacy



Original Color
5F648A

Protanomaly
5C658B

Deuteranomaly
5D658A

Tritanomaly
5C677A

Monochromacy



Original Color
5F648A

Achromatopsia
676767

Achromatomaly
646674

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F648A 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 #5F648A looks like.

```
.text, #text, p{  
    color:#5F648A  
}
```

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 #5F648A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F648A
}
```

Border

The CSS property to change the border of an element to Hex 5F648A 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
#5F648A }
```

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

```
.border{ border-color:#5F648A }
```

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

Here you see how a box with a 4 pixel #5F648A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F648A; -webkit-box-shadow:4px 4px  
4px 4px #5F648A; box-shadow:4px 4px 4px  
4px #5F648A }
```

Background

The CSS property to change the background color of an element to Hex 5F648A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F648A }
```

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

```
.background{ background-color:#5F648A }
```

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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