

Converting Colors

Hex(537C8F)

Have a look what the booklet for
Hex(537C8F) contains.

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Color

Hex(537C8F)

Conversions

Conversions Part 1

Format	Color
Hex	537C8F
RGB	83, 124, 143
RGB Percent	33%, 49%, 56%
CMY	0.6745, 0.5137, 0.4392
CMYK	0.42, 0.13, 0.00, 0.44
HSL	199°, 27%, 44%
HSV	199°, 42%, 56%
XYZ	15.7329, 18.2375, 28.6776
YIQ	113.9070, -30.5350, -2.7830

Conversions

Conversions Part 2

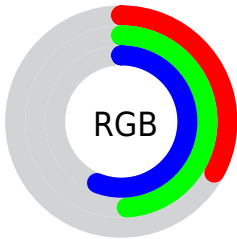
Format	Color
R_{YB}	83, 107, 143
Decimal	5471375
CIE _{Lab}	49.78, -9.01, -14.78
CIE _{LCh}	50, 17.314, 238.623
Yxy	18.2375, 0.2511, 0.2911
Android (android.graphics.Color)	4283661455 (0xFF537C8F)
YUV	113.9070, 14.3428, -27.1054
Hunter-Lab	42.7054, -8.9741, -9.9208

Details

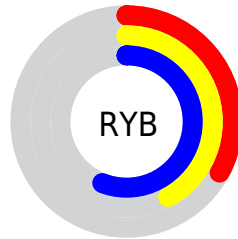
The Hex color **537C8F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F6653**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **87B1C5**, and **204B5D** is the 20% darker color. If you saturate the color by 10%, you get **45778F**, and if you desaturate by 10%, it is **61818F**.

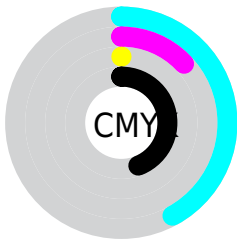
Distribution



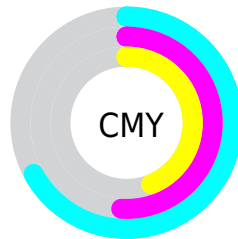
- Red (33%)
- Green (49%)
- Blue (56%)



- Red (33%)
- Yellow (42%)
- Blue (56%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537C8F 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 537C8F by changing the saturation by 10% instead.

■ 537C8F

■ 537C8F

FFFFFF

■ 3A6375

■ 87B1C5

■ 204B5D

■ A2CCE1

■ 003545

■ BEE8FD

■ 001F2F

■ DAFFFF

■ 00011B

■ F7FFFF

■ 000000

■ 537C8F

■ 537C8F

■ 45778F

■ 61818F

■ 36738F

■ 70858F

■ 286E8F

■ 7E8A8F

■ 1A6A8F

■ 8C8E8F

■ 0C658F

■ 9B938F

■ 00628F

■ A9978F

■ B79C8F

■ C5A08F

■ D4A58F

Harmonies

Analogous

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



4D7E84



537C8F



647893

Triad

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



537C8F



936C78



727A5C

Complementary

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



537C8F



8F6653

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.



827559



537C8F



946D69

Square

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



537C8F



896E86



8E705E



617D67

Rectangle

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



537C8F



717592



8E705E



78785A

Sweetspot

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



537C8F



A2B2BA



538F66



4F5A5E



DEDEDE



5E5E5E

Same Dimension

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



537C8F



5D9DBA



535E8F



404547



005C87



000508

Inverse Universe

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



8F537C



BA5D9D



8F8453



474045



87005C



080005

Previews

White Background



This preview shows how the Hex color 537C8F looks on a white background.

Color Contrast Check

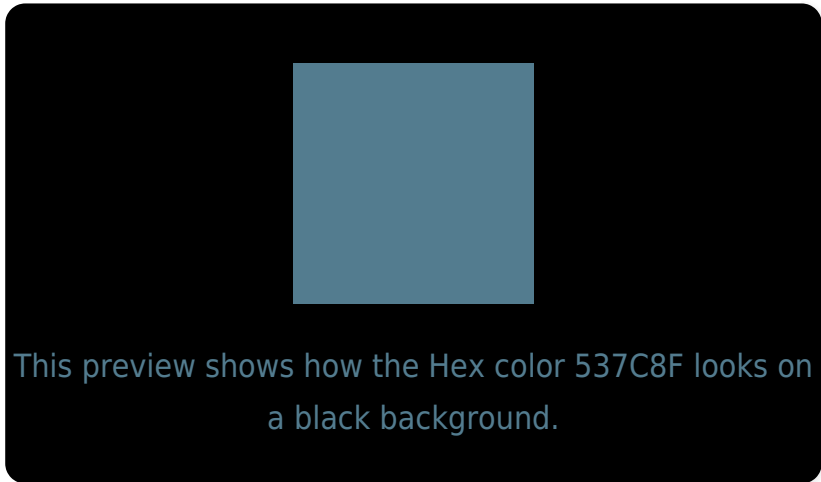
Large Text (above 18pt) WCAG AA ✓ Pass

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

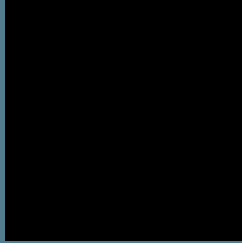
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

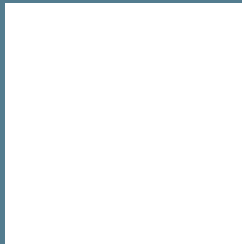
Any Text WCAG AAA × Fail

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

Hex 537C8F Background



This preview shows how black text looks on a background with the Hex color 537C8F.

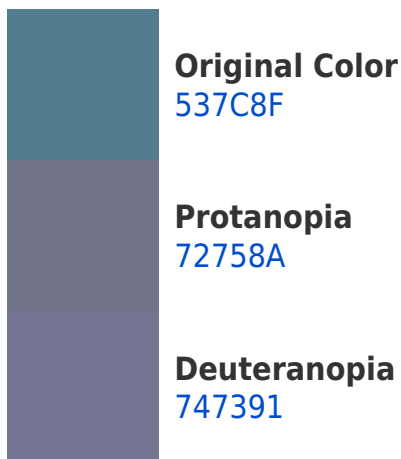



This preview shows how white text looks on a background with the Hex color 537C8F.

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](#).

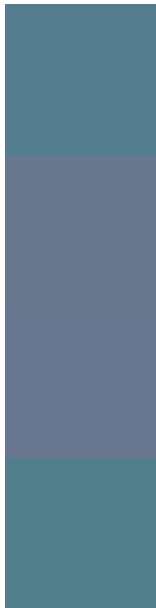
Dichromacy





Tritanopia
517D87

Trichromacy



Original Color
537C8F

Protanomaly
67788C

Deuteranomaly
687690

Tritanomaly
527D8A

Monochromacy



Original Color
537C8F

Achromatopsia
727272

Achromatomaly
67767D

CSS Examples

Text

The CSS property to change the color of the text to Hex 537C8F 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 #537C8F looks like.

```
.text, #text, p{  
    color:#537C8F  
}
```

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 #537C8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537C8F
}
```

Border

The CSS property to change the border of an element to Hex 537C8F 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
#537C8F }
```

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

```
.border{ border-color:#537C8F }
```

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

Here you see how a box with a 4 pixel #537C8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537C8F; -webkit-box-shadow:4px 4px  
4px 4px #537C8F; box-shadow:4px 4px 4px  
4px #537C8F }
```

Background

The CSS property to change the background color of an element to Hex 537C8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537C8F }
```

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

```
.background{ background-color:#537C8F }
```

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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