

# Converting Colors

Hex(537D8B)

Have a look what the booklet for  
Hex(537D8B) contains.

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# Color

**Hex(537D8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	537D8B
RGB	83, 125, 139
RGB Percent	33%, 49%, 55%
CMY	0.6745, 0.5098, 0.4549
CMYK	0.40, 0.10, 0.00, 0.45
HSL	195°, 25%, 44%
HSV	195°, 40%, 55%
XYZ	15.5611, 18.3703, 27.1518
YIQ	114.0380, -29.5260, -4.5500

# Conversions

## Conversions Part 2

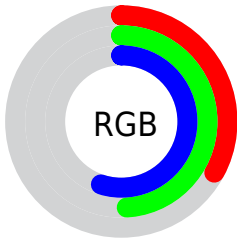
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 107, 139
Decimal	5471627
CIE <sub>Lab</sub>	49.94, -10.70, -12.19
CIE <sub>LCh</sub>	50, 16.224, 228.718
Yxy	18.3703, 0.2548, 0.3007
Android (android.graphics.Color)	4283661707 (0xFF537D8B)
YUV	114.0380, 12.3063, -27.2203
Hunter-Lab	42.8606, -10.1993, -7.5572

# Details

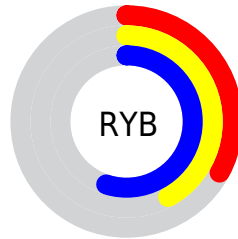
The Hex color **537D8B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B6153**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **87B2C0**, and **204C59** is the 20% darker color. If you saturate the color by 10%, you get **457A8B**, and if you desaturate by 10%, it is **61808B**.

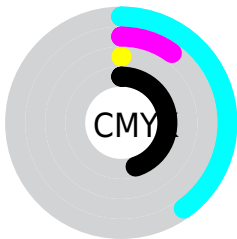
# Distribution



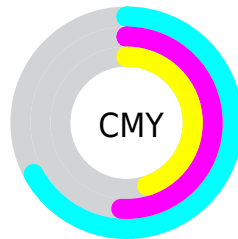
- Red (33%)
- Green (49%)
- Blue (55%)



- Red (33%)
- Yellow (42%)
- Blue (55%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (51%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537D8B 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 537D8B by changing the saturation by 10% instead.





537D8B



537D8B

FFFFFF



3A6472



87B2C0



204C59



A2CDDC



023542



BEE9F9



00202C



DAFFFF



000118



F7FFFF



000000



537D8B



537D8B



457A8B



61808B



37768B



6F848B

29738B

7D878B

1B6F8B

8B8B8B

0E6C8B

998E8B

00688B

A6928B

B4958B

C2998B

D09C8B

# Harmonies

## Analogous

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



517F7F



537D8B



607A91

# Triad

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



537D8B



8F6D7D



78795D

# Complementary

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



537D8B



8B6153

# 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.



86745C



537D8B



936D6F

# Square

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



537D8B



837089



907063



687C64

# Rectangle

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



537D8B



6C7792



907063



7D775C



# Sweetspot

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



537D8B



9FB0B5



538B61



4F595C



DBDBDB



5C5C5C



# Same Dimension

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



537D8B



5E9FB5



53618B



3E4345



006385



000405



# Inverse Universe

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



8B537D



B55E9F



8B7D53



453E43



850063



050004



# Previews

## White Background



This preview shows how the Hex color 537D8B looks on a white background.

## Color Contrast Check

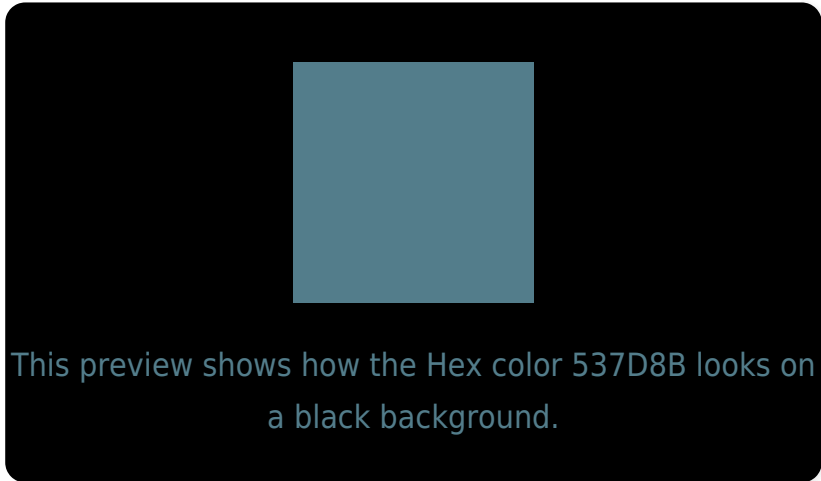
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

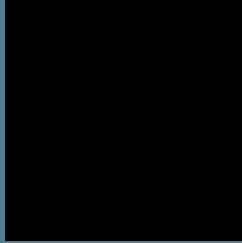
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

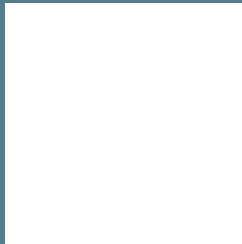
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 537D8B Background



This preview shows how black text looks on a background with the Hex color 537D8B.

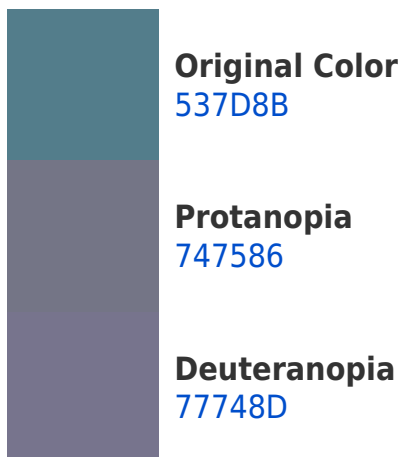


This preview shows how white text looks on a background with the Hex color 537D8B.

# 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](#).

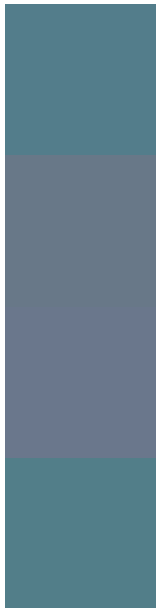
## Dichromacy





**Tritanopia**  
527E88

# Trichromacy



**Original Color**  
537D8B

**Protanomaly**  
687888

**Deuteranomaly**  
6A778C

**Tritanomaly**  
527E89

# Monochromacy



**Original Color**  
537D8B

**Achromatopsia**  
727272

**Achromatomaly**  
67767B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537D8B 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 #537D8B looks like.

```
.text, #text, p{  
    color:#537D8B  
}
```

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 #537D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537D8B
}
```

## Border

The CSS property to change the border of an element to Hex 537D8B 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
#537D8B }
```

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

```
.border{ border-color:#537D8B }
```

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

Here you see how a box with a 4 pixel #537D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537D8B; -webkit-box-shadow:4px 4px  
4px 4px #537D8B; box-shadow:4px 4px 4px  
4px #537D8B }
```

# Background

The CSS property to change the background color of an element to Hex 537D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537D8B }
```

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

```
.background{ background-color:#537D8B }
```

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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