

# Converting Colors

Hex(538A7B)

Have a look what the booklet for  
Hex(538A7B) contains.

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# Color

Hex(538A7B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	538A7B
RGB	83, 138, 123
RGB Percent	33%, 54%, 48%
CMY	0.6745, 0.4588, 0.5176
CMYK	0.40, 0.00, 0.11, 0.46
HSL	164°, 25%, 43%
HSV	164°, 40%, 54%
XYZ	16.2309, 21.4460, 22.0229
YIQ	119.8450, -27.9650, -16.3250

# Conversions

## Conversions Part 2

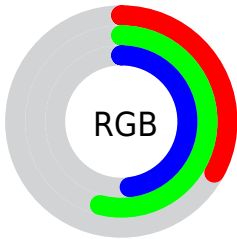
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 115, 138
Decimal	5474939
CIELab	53.43, -21.89, 2.31
CIElCh	53, 22.008, 173.964
Yxy	21.4460, 0.2719, 0.3592
Android (android.graphics.Color)	4283665019 (0xFF538A7B)
YUV	119.8450, 1.5554, -32.3131
Hunter-Lab	46.3098, -18.4806, 4.2212

# Details

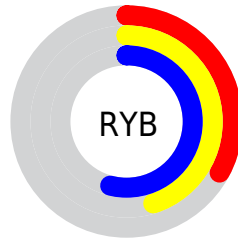
The Hex color **538A7B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A5362**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **87C0AF**, and **20584A** is the 20% darker color. If you saturate the color by 10%, you get **458A77**, and if you desaturate by 10%, it is **618A7F**.

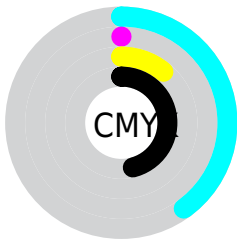
# Distribution



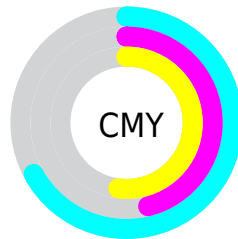
- Red (33%)
- Green (54%)
- Blue (48%)



- Red (33%)
- Yellow (45%)
- Blue (54%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)



- Cyan (67%)
- Magenta (46%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 538A7B 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 538A7B by changing the saturation by 10% instead.





538A7B



538A7B

FFFFFF



3A7062



87C0AF



20584A



A2DCCB



014034



BEF8E7



002A1F



DAFFFF



001406



F7FFFF



000000



538A7B



538A7B



458A77



618A7F



378A73



6F8A83

 2A8A70

 7C8A86

 1C8A6C

 8A8A8A

 0E8A68

 988A8E

 008A64

 A68A92

 B48A95

 C18A99

 CF8A9D

# Harmonies

## Analogous

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



688869



538A7B



468A8E

# Triad

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



538A7B



7D7CA2



9F7762

# Complementary

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



538A7B



8A5362

# 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.



A67371



538A7B



947696

# Square

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



538A7B



6283A5



A27284



917D5A

# Rectangle

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



538A7B



488999



A27284



A37566



# Sweetspot

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



538A7B



9DB3AD



638A53



4D5956



D9D9D9



595959



# Same Dimension

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



538A7B



5DB39B



537E8A



3E4543



008560



000504



# Inverse Universe

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



8A5362



B35D74



8A5F53



453E40



850024



050001



# Previews

## White Background



This preview shows how the Hex color 538A7B looks on a white background.

## Color Contrast Check

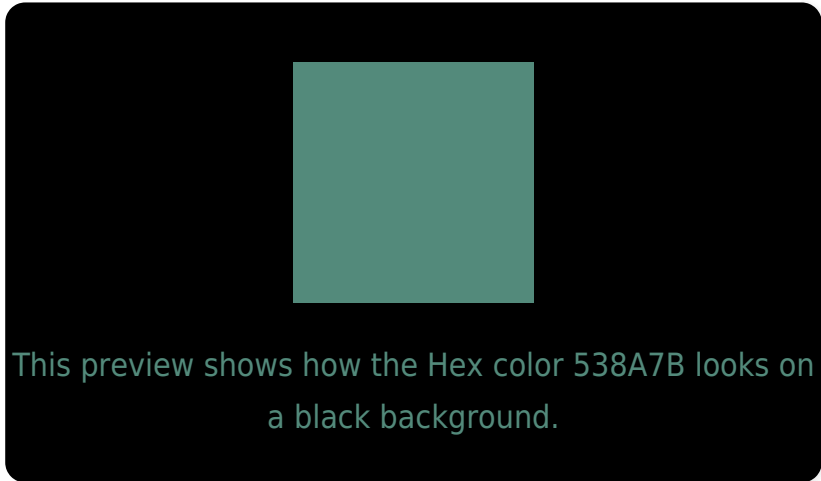
Large Text (above 18pt) WCAG AA ✓ Pass

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

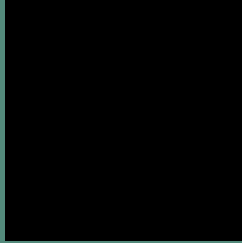
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 538A7B Background



This preview shows how black text looks on a background with the Hex color 538A7B.

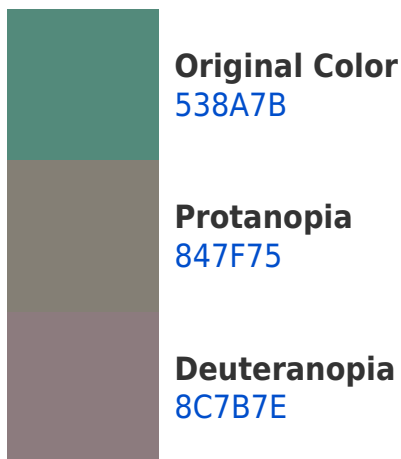


This preview shows how white text looks on a background with the Hex color 538A7B.

# 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**  
598792

# Trichromacy



**Original Color**  
538A7B

**Protanomaly**  
728377

**Deuteranomaly**  
77807D

**Tritanomaly**  
57888A

# Monochromacy



**Original Color**  
538A7B

**Achromatopsia**  
787878

**Achromatomaly**  
6B7F79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538A7B 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 #538A7B looks like.

```
.text, #text, p{  
    color:#538A7B  
}
```

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 #538A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538A7B
}
```

## Border

The CSS property to change the border of an element to Hex 538A7B 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
#538A7B }
```

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

```
.border{ border-color:#538A7B }
```

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

Here you see how a box with a 4 pixel #538A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538A7B; -webkit-box-shadow:4px 4px  
4px 4px #538A7B; box-shadow:4px 4px 4px  
4px #538A7B }
```

# Background

The CSS property to change the background color of an element to Hex 538A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538A7B }
```

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

```
.background{ background-color:#538A7B }
```

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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