

# Converting Colors

Hex(538B7D)

Have a look what the booklet for  
Hex(538B7D) contains.

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# Color

**Hex(538B7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	538B7D
RGB	83, 139, 125
RGB Percent	33%, 55%, 49%
CMY	0.6745, 0.4549, 0.5098
CMYK	0.40, 0.00, 0.10, 0.45
HSL	165°, 25%, 44%
HSV	165°, 40%, 55%
XYZ	16.5016, 21.7849, 22.7372
YIQ	120.6600, -28.8820, -16.2260

# Conversions

## Conversions Part 2

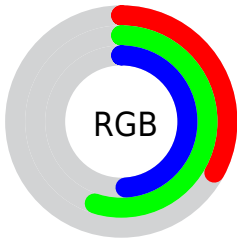
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 115, 139
Decimal	5475197
CIE <sub>Lab</sub>	53.80, -21.92, 1.69
CIE <sub>LCh</sub>	54, 21.986, 175.603
Y <sub>xy</sub>	21.7849, 0.2704, 0.3570
Android (android.graphics.Color)	4283665277 (0xFF538B7D)
YUV	120.6600, 2.1396, -33.0278
Hunter-Lab	46.6743, -18.5719, 3.7891

# Details

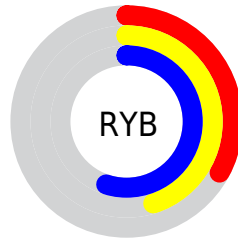
The Hex color **538B7D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B5361**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **87C1B2**, and **20594C** is the 20% darker color. If you saturate the color by 10%, you get **458B7A**, and if you desaturate by 10%, it is **618B80**.

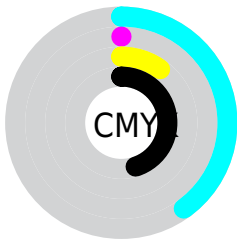
# Distribution



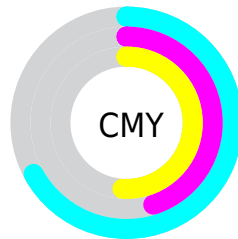
- Red (33%)
- Green (55%)
- Blue (49%)



- Red (33%)
- Yellow (45%)
- Blue (55%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 538B7D 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 538B7D by changing the saturation by 10% instead.



 538B7D

 538B7D

FFFFFF

 3A7164

 87C1B2

 20594C

 A2DDCD

 004136

 BEF9E9

 002A20

 DAFFFF

 001609

 F7FFFF

 000000

 538B7D

 538B7D

 458B7A

 618B80

 378B76

 6F8B84

■ 298B73

■ 7D8B87

■ 1B8B6F

■ 8B8B8B

■ 0E8B6C

■ 998B8E

■ 008B68

■ A68B92

■ B48B95

■ C28B99

■ D08B9C

# Harmonies

## Analogous

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



67896B



538B7D



478B90

# Triad

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



538B7D



807DA3



A07862

# Complementary

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



538B7D



8B5361

# 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.



A77471



538B7D



967696

# Square

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



538B7D



6583A6



A47384



917E5B

# Rectangle

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



538B7D



49899B



A47384



A37666



# Sweetspot

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



538B7D



9FB5B0



618B53



4F5C59



DBDBDB



5C5C5C



# Same Dimension

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



538B7D



5EB59F



537D8B



3E4543



008563



000504



# Inverse Universe

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



8B5361



B55E74



8B6153



453E40



850021



050001



# Previews

## White Background



This preview shows how the Hex color 538B7D looks on a white background.

## Color Contrast Check

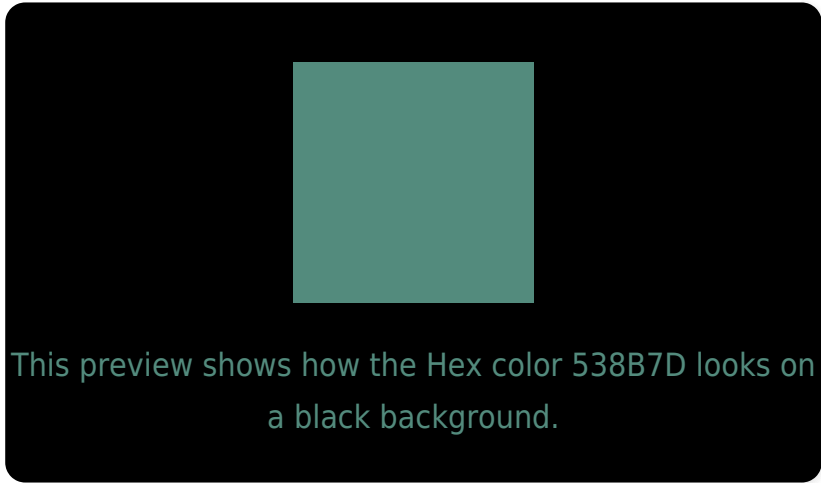
Large Text (above 18pt) WCAG AA ✓ Pass

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

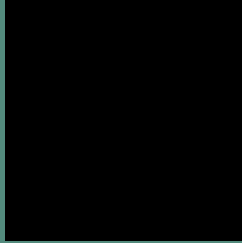
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 538B7D Background



This preview shows how black text looks on a background with the Hex color 538B7D.

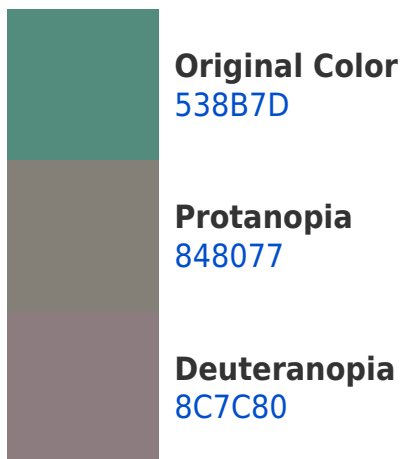


This preview shows how white text looks on a background with the Hex color 538B7D.

# 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



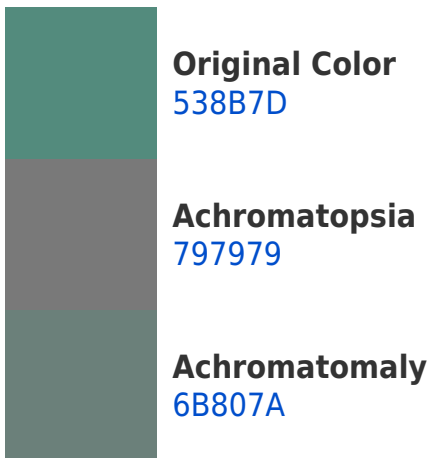


**Tritanopia**  
598893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538B7D 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 #538B7D looks like.

```
.text, #text, p{  
    color:#538B7D  
}
```

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 #538B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538B7D
}
```

## Border

The CSS property to change the border of an element to Hex 538B7D 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
#538B7D }
```

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

```
.border{ border-color:#538B7D }
```

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

Here you see how a box with a 4 pixel #538B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538B7D; -webkit-box-shadow:4px 4px  
4px 4px #538B7D; box-shadow:4px 4px 4px  
4px #538B7D }
```

# Background

The CSS property to change the background color of an element to Hex 538B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538B7D }
```

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

```
.background{ background-color:#538B7D }
```

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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