

# Converting Colors

Hex(538B83)

Have a look what the booklet for  
Hex(538B83) contains.

<b>Hex(538B83)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(538B83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	538B83
RGB	83, 139, 131
RGB Percent	33%, 55%, 51%
CMY	0.6745, 0.4549, 0.4863
CMYK	0.40, 0.00, 0.06, 0.45
HSL	171°, 25%, 44%
HSV	171°, 40%, 55%
XYZ	16.8966, 21.9429, 24.8176
YIQ	121.3440, -30.8080, -14.3600

# Conversions

## Conversions Part 2

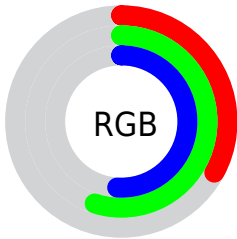
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 113, 139
Decimal	5475203
CIELab	53.97, -20.44, -1.54
CIElCh	54, 20.496, 184.303
Yxy	21.9429, 0.2654, 0.3447
Android (android.graphics.Color)	4283665283 (0xFF538B83)
YUV	121.3440, 4.7604, -33.6277
Hunter-Lab	46.8433, -17.5898, 1.3784

# Details

The Hex color **538B83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B535B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **87C1B8**, and **1F5952** is the 20% darker color. If you saturate the color by 10%, you get **458B81**, and if you desaturate by 10%, it is **618B85**.

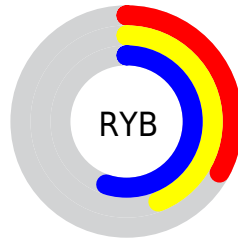
# Distribution



Red (33%)

Green (55%)

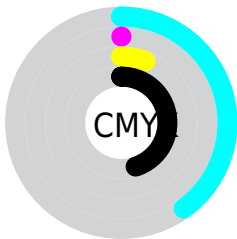
Blue (51%)



Red (33%)

Yellow (44%)

Blue (55%)

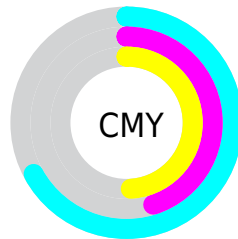


Cyan (40%)

Magenta (0%)

Yellow (6%)

Black (45%)



Cyan (67%)

Magenta (45%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 538B83 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 538B83 by changing the saturation by 10% instead.





538B83



538B83

FFFFFF



39716A



87C1B8



1F5952



A2DDD4



00413B



BEF9F0



002B25



DAFFFF



001710



F7FFFF



000000



538B83



538B83



458B81



618B85



378B7F



6F8B87

 298B7D

 7D8B89

 1B8B7B

 8B8B8B

 0E8B79

 998B8D

 008B77

 A68B8F

 B48B91

 C28B93

 D08B95

# Harmonies

## Analogous

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



648A71



538B83



4D8A94

# Triad

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



538B83



877C9E



9B7B62

# Complementary

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



538B83



8B535B

# 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.



A4766E



538B83



9A7691

# Square

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



538B83



6F82A4



A4747F



8B815E

# Rectangle

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



538B83



53889D



A4747F



9F7965



# Sweetspot

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



538B83



9FB5B2



5B8B53



4F5C5A



DBDBDB



5C5C5C



# Same Dimension

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



538B83



5EB5A9



53778B



3E4544



008572



000504



# Inverse Universe

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



8B535B



B55E6B



8B6753



453E3F



850013



050001



# Previews

## White Background



This preview shows how the Hex color 538B83 looks on a white background.

## Color Contrast Check

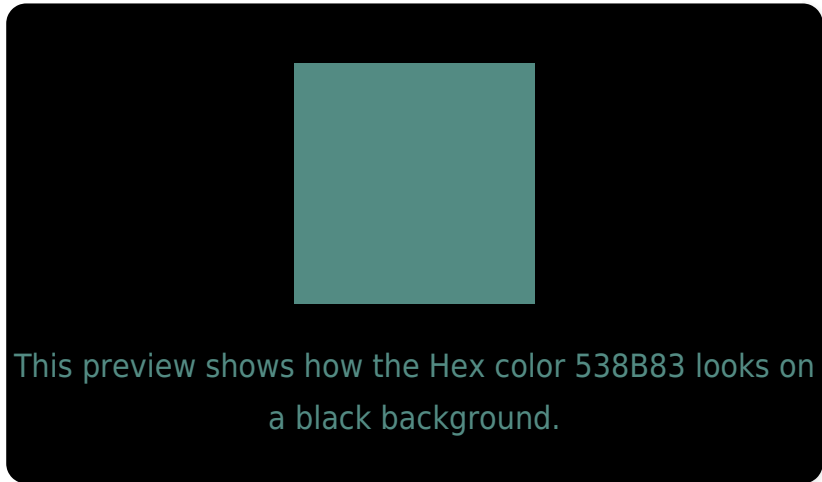
Large Text (above 18pt) WCAG AA ✓ Pass

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

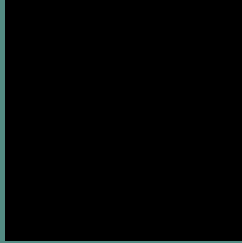
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 538B83 Background



This preview shows how black text looks on a background with the Hex color 538B83.

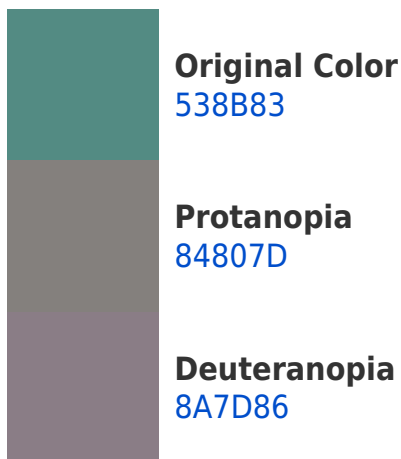


This preview shows how white text looks on a background with the Hex color 538B83.

# 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](#).

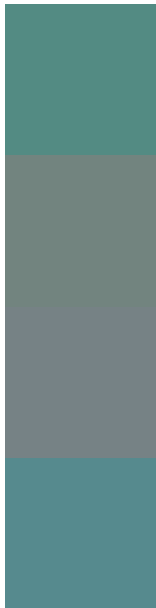
## Dichromacy





**Tritanopia**  
578994

# Trichromacy



**Original Color**  
538B83

**Protanomaly**  
72847F

**Deuteranomaly**  
768285

**Tritanomaly**  
568A8E

# Monochromacy



**Original Color**  
538B83

**Achromatopsia**  
797979

**Achromatomaly**  
6B807D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 538B83 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 #538B83 looks like.

```
.text, #text, p{  
  color:#538B83  
}
```

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 #538B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538B83
}
```

## Border

The CSS property to change the border of an element to Hex 538B83 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
#538B83 }
```

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

```
.border{ border-color:#538B83 }
```

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

Here you see how a box with a 4 pixel #538B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538B83; -webkit-box-shadow:4px 4px  
4px 4px #538B83; box-shadow:4px 4px 4px  
4px #538B83 }
```

# Background

The CSS property to change the background color of an element to Hex 538B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538B83 }
```

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

```
.background{ background-color:#538B83 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor