

# Converting Colors

Hex(438C81)

Have a look what the booklet for  
Hex(438C81) contains.

<b>Hex(438C81)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(438C81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	438C81
RGB	67, 140, 129
RGB Percent	26%, 55%, 51%
CMY	0.7373, 0.4510, 0.4941
CMYK	0.52, 0.00, 0.08, 0.45
HSL	171°, 35%, 41%
HSV	171°, 52%, 55%
XYZ	15.6553, 21.5344, 24.1003
YIQ	116.9190, -39.9770, -18.8970

# Conversions

## Conversions Part 2

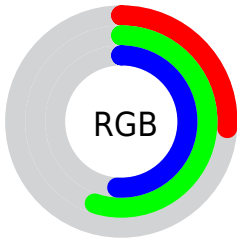
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	67, 106, 140
Decimal	4426881
CIE Lab	53.53, -25.62, -1.10
CIE LCh	54, 25.640, 182.465
Yxy	21.5344, 0.2554, 0.3514
Android (android.graphics.Color)	4282616961 (0xFF438C81)
YUV	116.9190, 5.9559, -43.7790
Hunter-Lab	46.4052, -20.9903, 1.6917

# Details

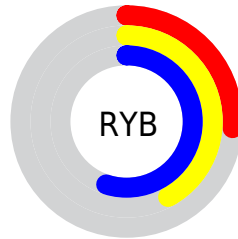
The Hex color **438C81** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C434E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **79C2B6**, and **005950** is the 20% darker color. If you saturate the color by 10%, you get **358C7F**, and if you desaturate by 10%, it is **518C83**.

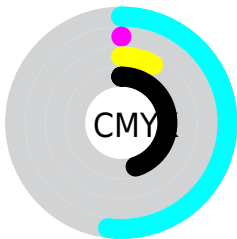
# Distribution



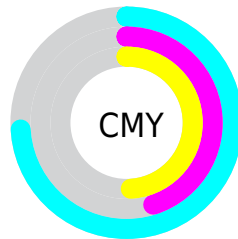
- Red (26%)
- Green (55%)
- Blue (51%)



- Red (26%)
- Yellow (42%)
- Blue (55%)



- Cyan (52%)
- Magenta (0%)
- Yellow (8%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 438C81 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 438C81 by changing the saturation by 10% instead.



 438C81

 438C81

FFFFFF

 277268

 79C2B6

 005950

 94DED1

 004239

 B0FBEE

 002B24

 CCFFFF

 00150E

 E9FFFF

 000000

 438C81

 438C81

 358C7F

 518C83

 278C7D

 5F8C85

■ 198C7B

■ 6D8C87

■ 0B8C79

■ 7B8C89

■ 008C77

■ 898C8C

■ 978C8E

■ A58C90

■ B38C92

■ C18C94

# Harmonies

## Analogous

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



5C8A6B



438C81



368B97

# Triad

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



438C81



857AA5



A07859

# Complementary

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



438C81



8C434E

# 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.



AB7169



438C81



9E7395

# Square

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



438C81



6581AC



AA6F7F



8D7F54

# Rectangle

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



438C81



3D89A2



AA6F7F



A5755E



# Sweetspot

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



438C81



98B5B1



4F8C43



4A5C59



DBDBDB



5C5C5C



# Same Dimension

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



438C81



43B5A4



43748C



3E4544



008571



000504



# Inverse Universe

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



8C434E



B54354



8C5B43



453E3F



850014

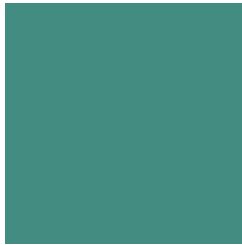


050001



# Previews

## White Background



This preview shows how the Hex color 438C81 looks on a white background.

## Color Contrast Check

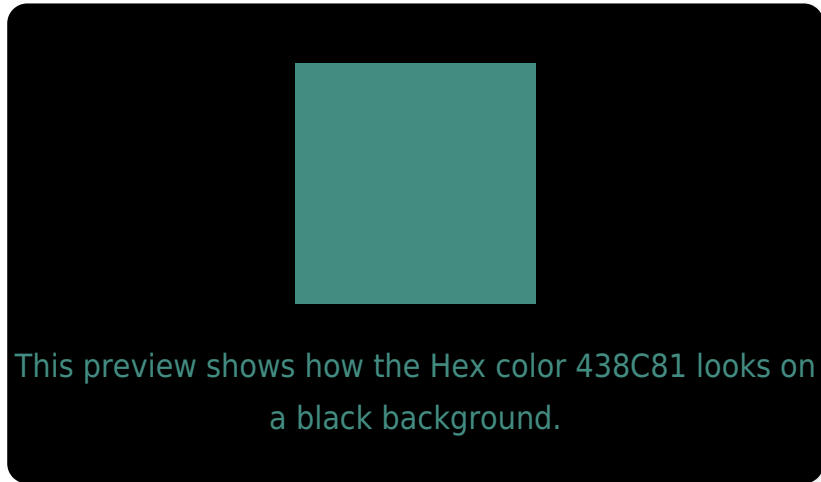
Large Text (above 18pt) WCAG AA ✓ Pass

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

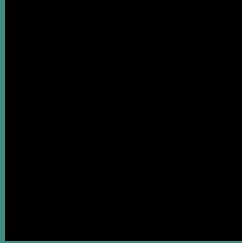
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 438C81 Background



This preview shows how black text looks on a background with the Hex color 438C81.

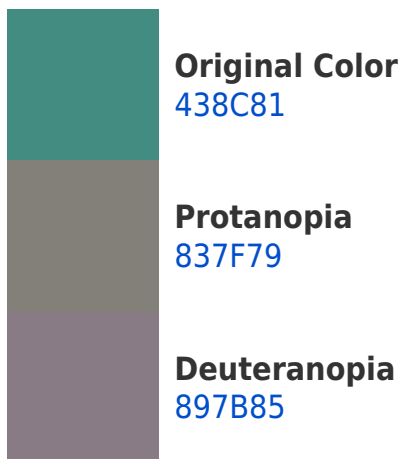


This preview shows how white text looks on a background with the Hex color 438C81.

# 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**  
498994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 438C81 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 #438C81 looks like.

```
.text, #text, p{  
    color:#438C81  
}
```

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 #438C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438C81
}
```

## Border

The CSS property to change the border of an element to Hex 438C81 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
#438C81 }
```

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

```
.border{ border-color:#438C81 }
```

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

Here you see how a box with a 4 pixel #438C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438C81; -webkit-box-shadow:4px 4px  
4px 4px #438C81; box-shadow:4px 4px 4px  
4px #438C81 }
```

# Background

The CSS property to change the background color of an element to Hex 438C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438C81 }
```

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

```
.background{ background-color:#438C81 }
```

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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