

# Converting Colors

Hex(438484)

Have a look what the booklet for  
Hex(438484) contains.

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**Color**

**Hex(438484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	438484
RGB	67, 132, 132
RGB Percent	26%, 52%, 52%
CMY	0.7373, 0.4824, 0.4824
CMYK	0.49, 0.00, 0.00, 0.48
HSL	180°, 33%, 39%
HSV	180°, 49%, 52%
XYZ	14.7309, 19.3618, 24.7906
YIQ	112.5650, -38.7400, -13.7800

# Conversions

## Conversions Part 2

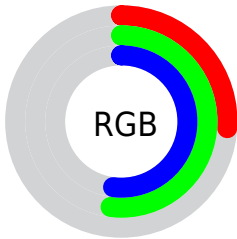
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 100, 132
Decimal	4424836
CIE <sub>Lab</sub>	51.11, -20.68, -6.42
CIE <sub>LCh</sub>	51, 21.656, 197.251
Yxy	19.3618, 0.2502, 0.3288
Android (android.graphics.Color)	4282614916 (0xFF438484)
YUV	112.5650, 9.5815, -39.9605
Hunter-Lab	44.0020, -17.2458, -2.6024

# Details

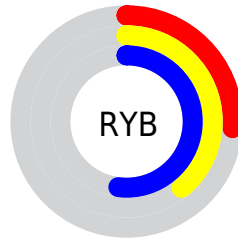
The Hex color **438484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **844343**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **78B9B9**, and **035253** is the 20% darker color. If you saturate the color by 10%, you get **368484**, and if you desaturate by 10%, it is **508484**.

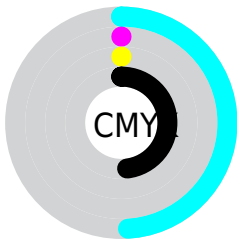
# Distribution



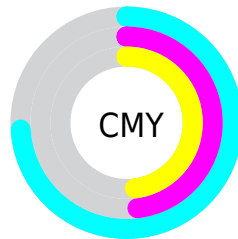
- Red (26%)
- Green (52%)
- Blue (52%)



- Red (26%)
- Yellow (39%)
- Blue (52%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (74%)
- Magenta (48%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 438484 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 438484 by changing the saturation by 10% instead.



 438484

 438484

FFFFFF

 276B6B

 78B9B9

 035253

 93D5D5

 003B3C

 AFF2F1

 002526

 CBFFFF

 000812

 E8FFFF

 000000

 438484

 438484

 368484

 508484

 298484

 5D8484

 1B8484

 6B8484

 0E8484

 788484

 018484

 858484

 008484

 928484

 9F8484

 AD8484

 BA8484

# Harmonies

## Analogous

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



528471



438484



448294

# Triad

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



438484



897193



8E7656

# Complementary

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



438484



844343

# 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.



9B705F



438484



996D82

# Square

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



438484



72789D



9F6C70



7C7C56

# Rectangle

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



438484



4F7F9B



9F6C70



937458



# Sweetspot

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



438484



91ABAB



438443



475757



D6D6D6



575757



# Same Dimension

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



438484



46ABAB



436484



3C4242



008282



000303



# Inverse Universe

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



844384



AB46AB



846443



423C42



820082

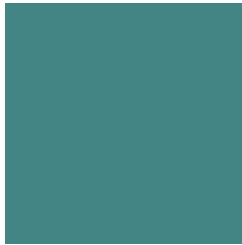


030003



# Previews

## White Background



This preview shows how the Hex color 438484 looks on a white background.

## Color Contrast Check

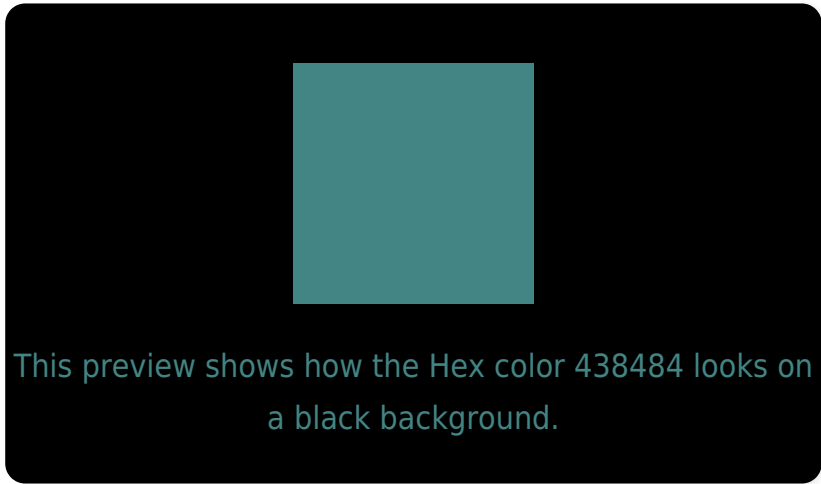
Large Text (above 18pt) WCAG AA ✓ Pass

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

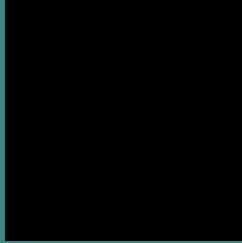
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 438484 Background



This preview shows how black text looks on a background with the Hex color 438484.

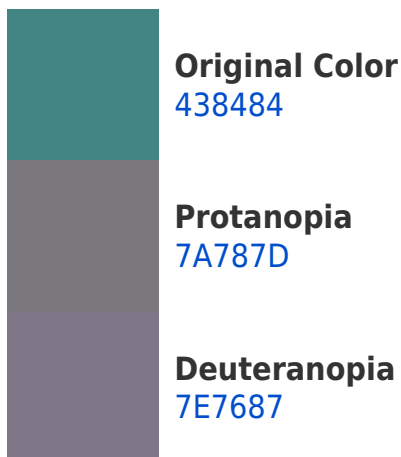



This preview shows how white text looks on a background with the Hex color 438484.

# 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**  
46838D

# Trichromacy



**Original Color**  
438484

**Protanomaly**  
667C80

**Deuteranomaly**  
697B86

**Tritanomaly**  
45838A

# Monochromacy



**Original Color**  
438484

**Achromatopsia**  
717171

**Achromatomaly**  
607878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 438484 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 #438484 looks like.

```
.text, #text, p{  
    color:#438484  
}
```

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 #438484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438484
}
```

## Border

The CSS property to change the border of an element to Hex 438484 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
#438484 }
```

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

```
.border{ border-color:#438484 }
```

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

Here you see how a box with a 4 pixel #438484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438484; -webkit-box-shadow:4px 4px  
4px 4px #438484; box-shadow:4px 4px 4px  
4px #438484 }
```

# Background

The CSS property to change the background color of an element to Hex 438484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438484 }
```

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

```
.background{ background-color:#438484 }
```

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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