

# Converting Colors

Hex(8588A3)

Have a look what the booklet for  
Hex(8588A3) contains.

<b>Hex(8588A3)</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(8588A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8588A3
RGB	133, 136, 163
RGB Percent	52%, 53%, 64%
CMY	0.4784, 0.4667, 0.3608
CMYK	0.18, 0.17, 0.00, 0.36
HSL	234°, 14%, 58%
HSV	234°, 18%, 64%
XYZ	25.0879, 25.2392, 38.1997
YIQ	138.1810, -10.4550, 7.7610

# Conversions

## Conversions Part 2

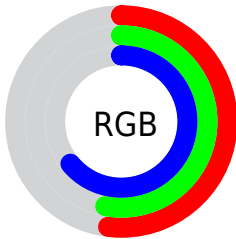
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 136, 163
Decimal	8751267
CIE <sub>Lab</sub>	57.31, 4.75, -14.66
CIE <sub>LCh</sub>	57, 15.416, 287.956
Yxy	25.2392, 0.2834, 0.2851
Android (android.graphics.Color)	4286941347 (0xFF8588A3)
YUV	138.1810, 12.2358, -4.5437
Hunter-Lab	50.2386, 1.2207, -9.9150

# Details

The Hex color **8588A3** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A3A085**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BABDDA**, and **53566F** is the 20% darker color. If you saturate the color by 10%, you get **7579A3**, and if you desaturate by 10%, it is **9597A3**.

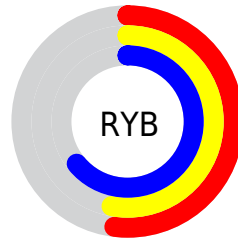
# Distribution



Red (52%)

Green (53%)

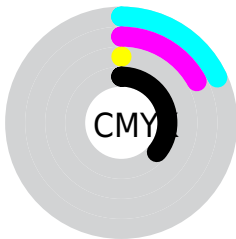
Blue (64%)



Red (52%)

Yellow (53%)

Blue (64%)

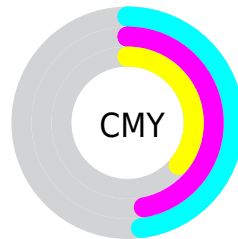


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (47%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8588A3 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 8588A3 by changing the saturation by 10% instead.





8588A3



8588A3

FFFFFF



6C6F89



BABDDA



53566F



D6D9F6



3C3F57



F3F5FF



25293F



101529



000115



000000



8588A3



8588A3



7579A3



9597A3

646BA3

A6A5A3

545CA3

B6B4A3

444DA3

C6C3A3

343FA3

D7D1A3

2330A3

E7E0A3

1321A3

F7EFA3

0313A3

FFFDA3

0010A3

FFFA3

# Harmonies

## Analogous

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



748CA4



8588A3



96849C

# Triad

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



8588A3



A38376



6E9184

# Complementary

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



8588A3



A3A085

# 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.



7C8F77



8588A3



998770

# Square

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



8588A3



A68082



8C8B70



669191

# Rectangle

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



8588A3



9E8194



8C8B70



72917F



# Sweetspot

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



8588A3



C7C8D4



85A3A0



64646B



EBEBEB



6B6B6B



# Same Dimension

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



8588A3



A5AAD4



9185A3



494A52



000F91



000212



# Inverse Universe

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



A38588



D4A5AA



97A385



52494A



91000F

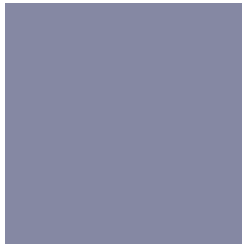


120002



# Previews

## White Background



This preview shows how the Hex color 8588A3 looks on a white background.

## Color Contrast Check

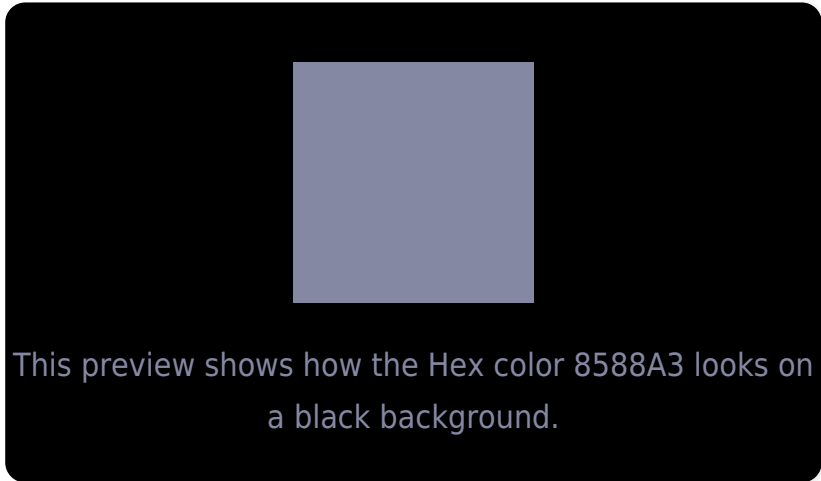
Large Text (above 18pt) WCAG AA ✓ Pass

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

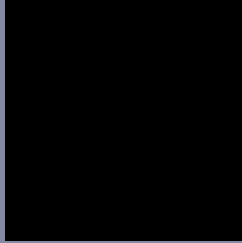
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

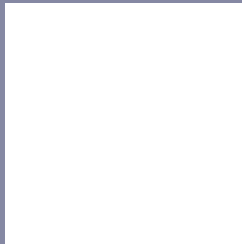
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8588A3 Background



This preview shows how black text looks on a background with the Hex color 8588A3.



This preview shows how white text looks on a background with the Hex color 8588A3.

# 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



**Original Color**

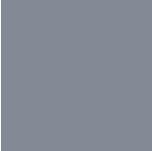
8588A3

**Protanopia**

8488A3

**Deuteranopia**

8A86A3



**Tritanopia**  
838A95

# Trichromacy



**Original Color**  
8588A3

**Protanomaly**  
8488A3

**Deuteranomaly**  
8887A3

**Tritanomaly**  
84899A

# Monochromacy



**Original Color**  
8588A3

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
888993

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8588A3 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 #8588A3 looks like.

```
.text, #text, p{  
    color:#8588A3  
}
```

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 #8588A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8588A3
}
```

## Border

The CSS property to change the border of an element to Hex 8588A3 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
#8588A3 }
```

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

```
.border{ border-color:#8588A3 }
```

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

Here you see how a box with a 4 pixel #8588A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8588A3; -webkit-box-shadow:4px 4px  
4px 4px #8588A3; box-shadow:4px 4px 4px  
4px #8588A3 }
```

# Background

The CSS property to change the background color of an element to Hex 8588A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8588A3 }
```

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

```
.background{ background-color:#8588A3 }
```

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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