

# Converting Colors

Hex(8588AB)

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

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# Color

**Hex(8588AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8588AB
RGB	133, 136, 171
RGB Percent	52%, 53%, 67%
CMY	0.4784, 0.4667, 0.3294
CMYK	0.22, 0.20, 0.00, 0.33
HSL	235°, 18%, 60%
HSV	235°, 22%, 67%
XYZ	25.8277, 25.5351, 42.0956
YIQ	139.0930, -13.0230, 10.2490

# Conversions

## Conversions Part 2

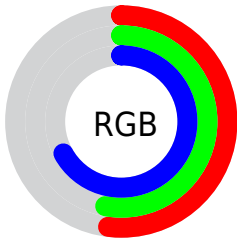
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 136, 171
Decimal	8751275
CIE <sub>Lab</sub>	57.59, 6.64, -18.81
CIE <sub>LCh</sub>	58, 19.953, 289.452
Yxy	25.5351, 0.2764, 0.2732
Android (android.graphics.Color)	4286941355 (0xFF8588AB)
YUV	139.0930, 15.7302, -5.3436
Hunter-Lab	50.5323, 2.8021, -14.0185

# Details

The Hex color **8588AB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **ABA885**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BBBDE2**, and **535677** is the 20% darker color. If you saturate the color by 10%, you get **7478AB**, and if you desaturate by 10%, it is **9698AB**.

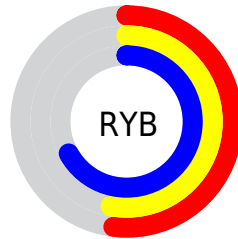
# Distribution



Red (52%)

Green (53%)

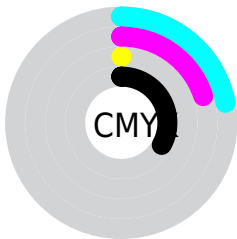
Blue (67%)



Red (52%)

Yellow (53%)

Blue (67%)

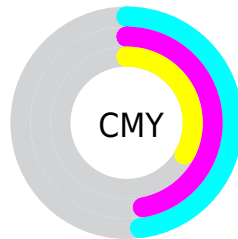


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (47%)

Yellow (33%)

# Brightness & Saturation Gradients

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





8588AB



8588AB

FFFFFF



6B6F90



BBBDE2



535677



D7D9FF



3B3F5E



F3F5FF



242946



0D1530



00011B



000000



8588AB



8588AB



7478AB



9698AB

6368AB

A7A7AB

5259AB

B8B7AB

4149AB

C9C7AB

3039AB

DAD7AB

1E29AB

ECE7AB

0D1AAB

FDF6AB

000DAB

FFFFAB

# Harmonies

## Analogous

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



6D8EAC



8588AB



9B82A1

# Triad

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



8588AB



AA8271



659483

# Complementary

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



8588AB



ABA885

# 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.



789173



8588AB



9D8768

# Square

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



8588AB



AE7E80



8B8D69



599495

# Rectangle

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



8588AB



A57F97



8B8D69



6B937E



# Sweetspot

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



8588AB



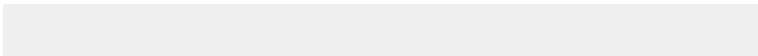
CED0DE



85ABA8



676870



F0F0F0



707070



# Same Dimension

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



8588AB



A2A7DE



9585AB



4E4F57



000C96



000217



# Inverse Universe

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



AB8588



DEA2A7



9BAB85



574E4F



96000C

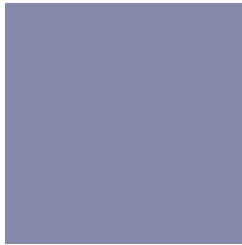


170002



# Previews

## White Background



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

## Color Contrast Check

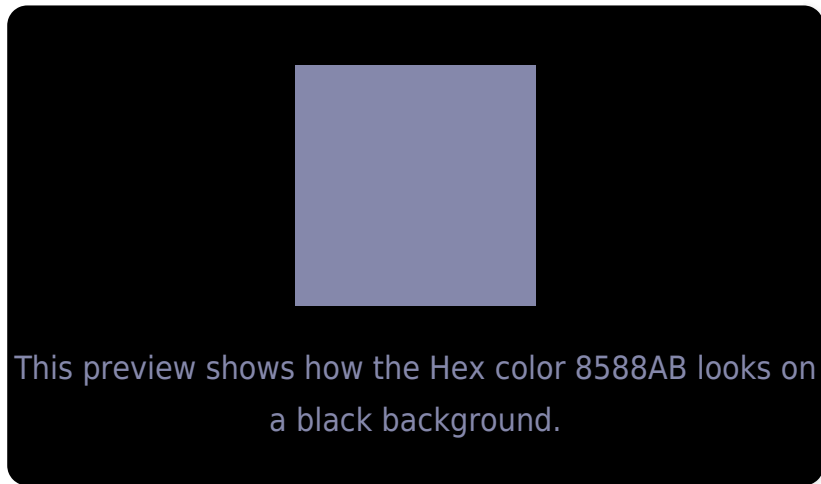
Large Text (above 18pt) WCAG AA ✓ Pass

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

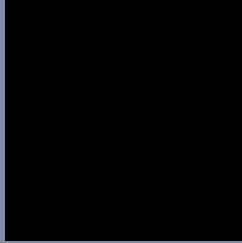
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

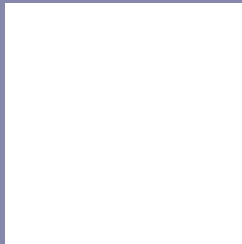
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8588AB Background



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



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

# 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**  
8588AB

**Protanopia**  
8289AC

**Deuteranopia**  
8787AB



**Tritanopia**  
818C97

# Trichromacy



**Original Color**  
8588AB

**Protanomaly**  
8389AC

**Deuteranomaly**  
8687AB

**Tritanomaly**  
828B9E

# Monochromacy



**Original Color**  
8588AB

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
898A97

# CSS Examples

## Text

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

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

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 #8588AB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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