

# Converting Colors

Hex(8286A9)

Have a look what the booklet for  
Hex(8286A9) contains.

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# Color

**Hex(8286A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8286A9
RGB	130, 134, 169
RGB Percent	51%, 53%, 66%
CMY	0.4902, 0.4745, 0.3373
CMYK	0.23, 0.21, 0.00, 0.34
HSL	234°, 18%, 59%
HSV	234°, 23%, 66%
XYZ	24.8925, 24.6606, 40.9841
YIQ	136.7940, -13.6190, 10.0370

# Conversions

## Conversions Part 2

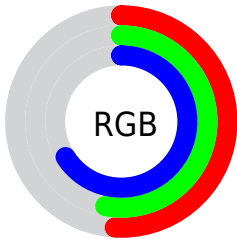
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 134, 169
Decimal	8554153
CIE Lab	56.74, 6.35, -18.99
CIE LCh	57, 20.020, 288.495
Yxy	24.6606, 0.2749, 0.2724
Android (android.graphics.Color)	4286744233 (0xFF8286A9)
YUV	136.7940, 15.8776, -5.9583
Hunter-Lab	49.6594, 2.5715, -14.1707

# Details

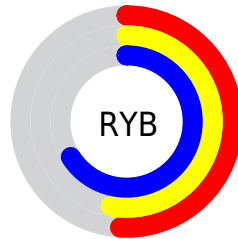
The Hex color **8286A9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A9A582**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B7BBE0**, and **505575** is the 20% darker color. If you saturate the color by 10%, you get **7177A9**, and if you desaturate by 10%, it is **9395A9**.

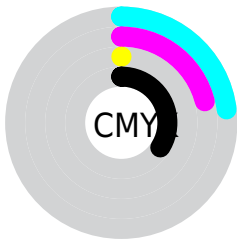
# Distribution



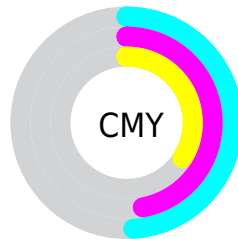
- Red (51%)
- Green (53%)
- Blue (66%)



- Red (51%)
- Yellow (53%)
- Blue (66%)



- Cyan (23%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (47%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8286A9 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 8286A9 by changing the saturation by 10% instead.



■ 8286A9

■ 8286A9

FFFFFF

■ 686D8E

■ B7BBE0

■ 505575

■ D3D7FD

■ 383D5C

■ F0F3FF

■ 212844

■ 0A132E

■ 000119

■ 000000

■ 8286A9

■ 8286A9

■ 7177A9

■ 9395A9

6068A9

A4A4A9

4F59A9

B5B3A9

3E49A9

C6C3A9

2D3AA9

D6D2A9

1D2BA9

E7E1A9

0C1CA9

F8F0A9

0011A9

FFFFA9

# Harmonies

## Analogous

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



6A8CAA



8286A9



98809F

# Triad

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



8286A9



A87F6F



639281

# Complementary

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



8286A9



A9A582

# 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.



768F71



8286A9



9B8566

# Square

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



8286A9



AC7C7E



8A8A67



579293

# Rectangle

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



8286A9



A37D95



8A8A67



69917B



# Sweetspot

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



8286A9



CCCEDB



82A9A4



65666E



EDEDED



6E6E6E



# Same Dimension

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



8286A9



9EA4DB



9182A9



4C4D54



000F94



000214



# Inverse Universe

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



A98286



DB9EA4



9AA982



544C4D



94000F

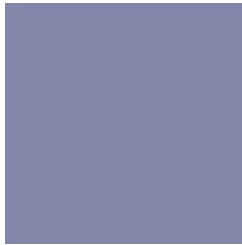


140002



# Previews

## White Background



This preview shows how the Hex color 8286A9 looks on a white background.

## Color Contrast Check

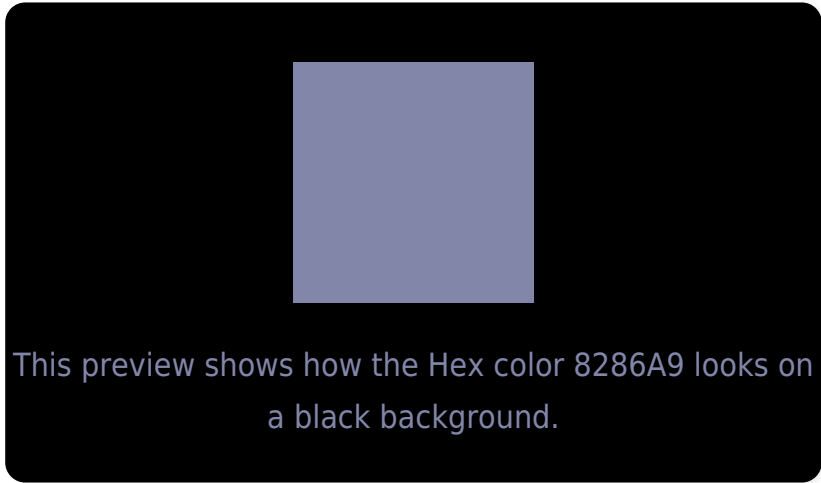
Large Text (above 18pt) WCAG AA ✓ Pass

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

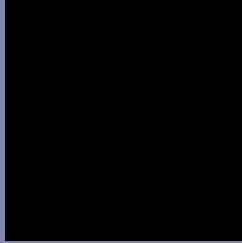
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8286A9 Background



This preview shows how black text looks on a background with the Hex color 8286A9.



This preview shows how white text looks on a background with the Hex color 8286A9.

# 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](#).

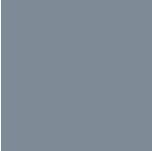
## Dichromacy



**Original Color**  
8286A9

**Protanopia**  
8087A9

**Deuteranopia**  
8485A9



**Tritanopia**  
7E8A95

# Trichromacy



**Original Color**  
8286A9

**Protanomaly**  
8187A9

**Deuteranomaly**  
8385A9

**Tritanomaly**  
7F899C

# Monochromacy



**Original Color**  
8286A9

**Achromatopsia**  
898989

**Achromatomaly**  
868895

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8286A9 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 #8286A9 looks like.

```
.text, #text, p{  
    color:#8286A9  
}
```

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 #8286A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8286A9
}
```

## Border

The CSS property to change the border of an element to Hex 8286A9 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
#8286A9 }
```

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

```
.border{ border-color:#8286A9 }
```

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

Here you see how a box with a 4 pixel #8286A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8286A9; -webkit-box-shadow:4px 4px  
4px 4px #8286A9; box-shadow:4px 4px 4px  
4px #8286A9 }
```

# Background

The CSS property to change the background color of an element to Hex 8286A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8286A9 }
```

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

```
.background{ background-color:#8286A9 }
```

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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