

# Converting Colors

Hex(8286A0)

Have a look what the booklet for  
Hex(8286A0) contains.

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# Color

**Hex(8286A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8286A0
RGB	130, 134, 160
RGB Percent	51%, 53%, 63%
CMY	0.4902, 0.4745, 0.3725
CMYK	0.19, 0.16, 0.00, 0.37
HSL	232°, 14%, 57%
HSV	232°, 19%, 63%
XYZ	24.0762, 24.3341, 36.6857
YIQ	135.7680, -10.7300, 7.2380

# Conversions

## Conversions Part 2

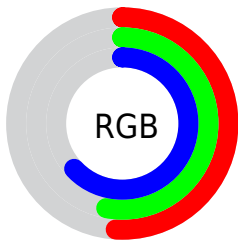
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 134, 160
Decimal	8554144
CIE <sub>Lab</sub>	56.42, 4.21, -14.31
CIE <sub>LCh</sub>	56, 14.911, 286.381
Yxy	24.3341, 0.2829, 0.2860
Android (android.graphics.Color)	4286744224 (0xFF8286A0)
YUV	135.7680, 11.9464, -5.0585
Hunter-Lab	49.3296, 0.7933, -9.5624

# Details

The Hex color **8286A0** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A09C82**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B7BBD7**, and **50556C** is the 20% darker color. If you saturate the color by 10%, you get **7278A0**, and if you desaturate by 10%, it is **9294A0**.

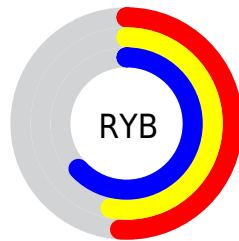
# Distribution



Red (51%)

Green (53%)

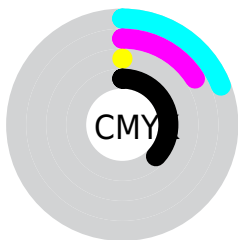
Blue (63%)



Red (51%)

Yellow (53%)

Blue (63%)

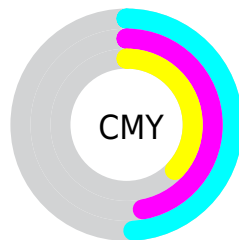


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (47%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8286A0 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 8286A0 by changing the saturation by 10% instead.





8286A0



8286A0

FFFFFF



696D86



B7BBD7



50556C



D3D7F3



393D54



EFF3FF



23283D



0E1327



000112



000000



8286A0



8286A0



7278A0



9294A0

626AA0

A2A2A0

525CA0

B2B0A0

424FA0

C2BDA0

3241A0

D2CBA0

2233A0

E2D9A0

1225A0

F2E7A0

0217A0

FFF5A0

0015A0

FFFFA0

# Harmonies

## Analogous

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



728AA0



8286A0



928299

# Triad

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



8286A0



A08175



6E8E81

# Complementary

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



8286A0



A09C82

# 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.



7B8C75



8286A0



97846E

# Square

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



8286A0



A37E81



8A896E



658F8E

# Rectangle

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



8286A0



9B8092



8A896E



728E7D

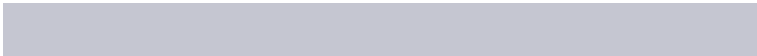


# Sweetspot

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



8286A0



C5C6D1



82A09C



616269



E8E8E8



696969



# Same Dimension

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



8286A0



A1A7D1



8D82A0



47484F



00138F



00020F



# Inverse Universe

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



A08286



D1A1A7



95A082



4F4748



8F0013

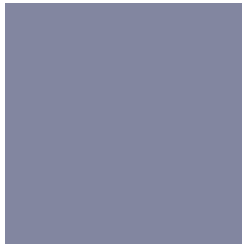


0F0002



# Previews

## White Background



This preview shows how the Hex color 8286A0 looks on a white background.

## Color Contrast Check

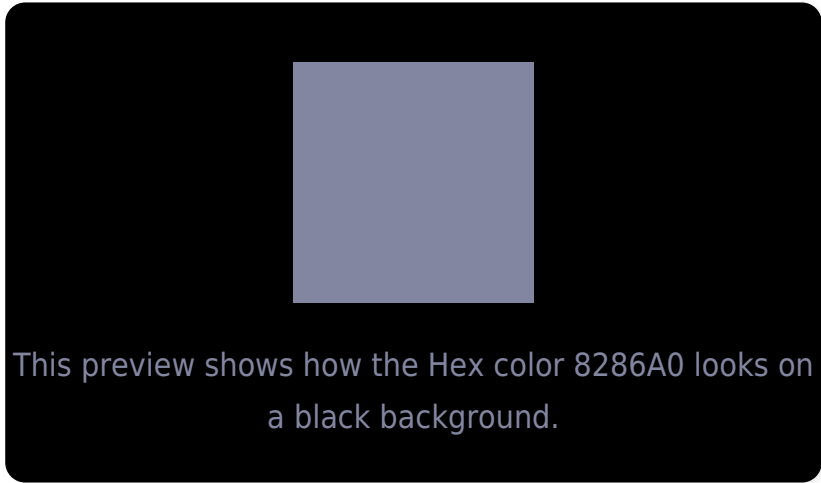
Large Text (above 18pt) WCAG AA ✓ Pass

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

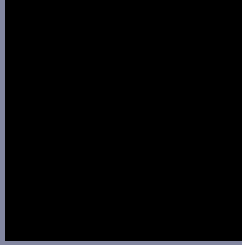
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

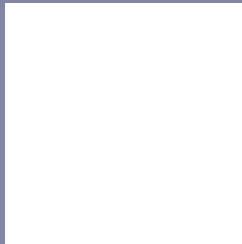
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8286A0 Background



This preview shows how black text looks on a background with the Hex color 8286A0.



This preview shows how white text looks on a background with the Hex color 8286A0.

# 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**  
8286A0

**Protanopia**  
8286A0

**Deuteranopia**  
8884A0



**Tritanopia**  
808893

# Trichromacy



**Original Color**  
8286A0

**Protanomaly**  
8286A0

**Deuteranomaly**  
8685A0

**Tritanomaly**  
818798

# Monochromacy



**Original Color**  
8286A0

**Achromatopsia**  
888888

**Achromatomaly**  
868791

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8286A0 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 #8286A0 looks like.

```
.text, #text, p{  
    color:#8286A0  
}
```

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 #8286A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8286A0
}
```

## Border

The CSS property to change the border of an element to Hex 8286A0 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".

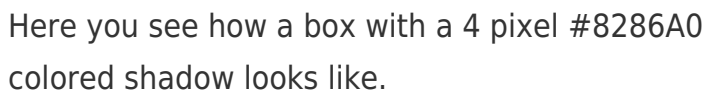
```
.border, #border, table{ border:4px solid
#8286A0 }
```

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

```
.border{ border-color:#8286A0 }
```

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

Here you see how a box with a 4 pixel #8286A0 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8286A0; -webkit-box-shadow:4px 4px  
4px 4px #8286A0; box-shadow:4px 4px 4px  
4px #8286A0 }
```

# Background

The CSS property to change the background color of an element to Hex 8286A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8286A0 }
```

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

```
.background{ background-color:#8286A0 }
```

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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