

Converting Colors

Hex(7986B9)

Have a look what the booklet for
Hex(7986B9) contains.

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Color

Hex(7986B9)

Conversions

Conversions Part 1

Format	Color
Hex	7986B9
RGB	121, 134, 185
RGB Percent	47%, 53%, 73%
CMY	0.5255, 0.4745, 0.2745
CMYK	0.35, 0.28, 0.00, 0.27
HSL	228°, 31%, 60%
HSV	228°, 35%, 73%
XYZ	25.1672, 24.6179, 49.3242
YIQ	135.9270, -24.1190, 13.1050

Conversions

Conversions Part 2

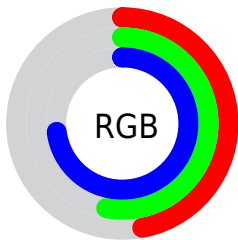
Format	Color
R_{YB}	121, 132, 185
Decimal	7964345
CIE _{Lab}	56.70, 7.70, -28.25
CIE _{LCh}	57, 29.287, 285.252
Yxy	24.6179, 0.2539, 0.2484
Android (android.graphics.Color)	4286154425 (0xFF7986B9)
YUV	135.9270, 24.1930, -13.0910
Hunter-Lab	49.6165, 3.7127, -24.2093

Details

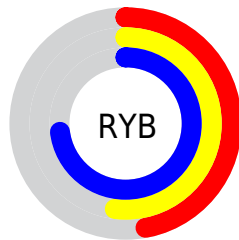
The Hex color **7986B9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B9AC79**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AFBBF1**, and **465584** is the 20% darker color. If you saturate the color by 10%, you get **6777B9**, and if you desaturate by 10%, it is **8B95B9**.

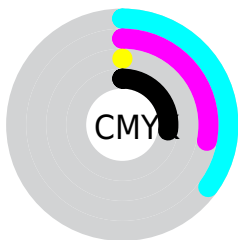
Distribution



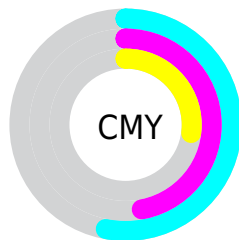
- Red (47%)
- Green (53%)
- Blue (73%)



- Red (47%)
- Yellow (52%)
- Blue (73%)



- Cyan (35%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7986B9 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 7986B9 by changing the saturation by 10% instead.

■ 7986B9

■ 7986B9

FFFFFF

■ 5F6D9E

■ AFBBF1

■ 465584

■ CBD7FF

■ 2C3E6A

■ E8F3FF

■ 102852

■ 00143B

■ 000225

■ 00010D

■ 000000

■ 7986B9

■ 7986B9

6777B9

8B95B9

5469B9

9EA3B9

415AB9

B1B2B9

2F4BB9

C3C1B9

1C3CB9

D5D0B9

0A2EB9

E8DEB9

0026B9

FBEDB9

FFFCB9

FFFFB9

Harmonies

Analogous

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



508EB9



7986B9



9B7DAC

Triad

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



7986B9



B57A65



50957A

Complementary

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



7986B9



B9AC79

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.



709163



7986B9



A48257

Square

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



7986B9



BA757C



8C8B56



339695

Rectangle

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



7986B9



AC789E



8C8B56



5B9472

Sweetspot

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



7986B9



D8DDF0



79B9AB



696C78



F7F7F7



787878

Same Dimension

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



7986B9



8B9FF0



8B79B9



53545C



00209C



00061C

Inverse Universe

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



B97986



F08B9F



A7B979



5C5354



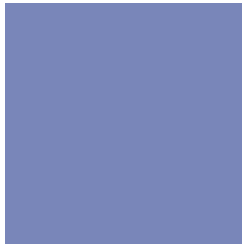
9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 7986B9 looks on a white background.

Color Contrast Check

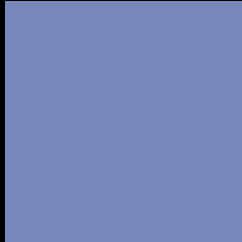
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 7986B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

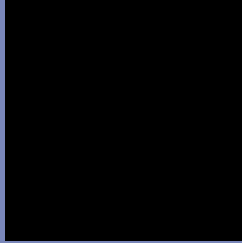
Any Text WCAG AA ✓ Pass

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 7986B9 Background



This preview shows how black text looks on a background with the Hex color 7986B9.



This preview shows how white text looks on a background with the Hex color 7986B9.

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
7986B9

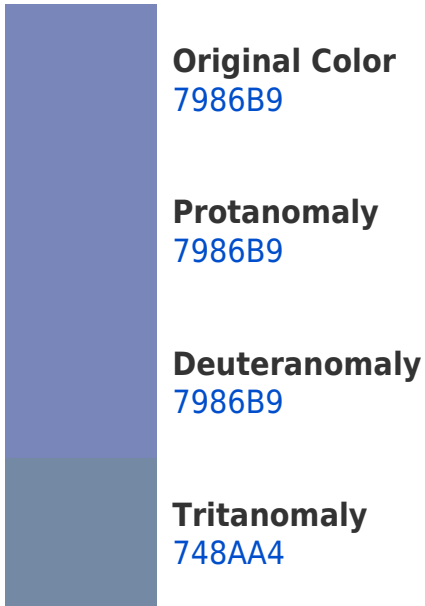
Protanopia
7986B9

Deuteranopia
7986B9



Tritanopia
718C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7986B9 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 #7986B9 looks like.

```
.text, #text, p{  
    color:#7986B9  
}
```

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 #7986B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7986B9
}
```

Border

The CSS property to change the border of an element to Hex 7986B9 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
#7986B9 }
```

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

```
.border{ border-color:#7986B9 }
```

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

Here you see how a box with a 4 pixel #7986B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7986B9; -webkit-box-shadow:4px 4px  
4px 4px #7986B9; box-shadow:4px 4px 4px  
4px #7986B9 }
```

Background

The CSS property to change the background color of an element to Hex 7986B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7986B9 }
```

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

```
.background{ background-color:#7986B9 }
```

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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