

# Converting Colors

Hex(248898)

Have a look what the booklet for  
Hex(248898) contains.

<b>Hex(248898)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(248898)

# Conversions

## Conversions Part 1

Format	Color
Hex	248898
RGB	36, 136, 152
RGB Percent	14%, 53%, 60%
CMY	0.8588, 0.4667, 0.4039
CMYK	0.76, 0.11, 0.00, 0.40
HSL	188°, 62%, 37%
HSV	188°, 76%, 60%
XYZ	15.1992, 20.2504, 32.8134
YIQ	107.9240, -64.7360, -16.2240

# Conversions

## Conversions Part 2

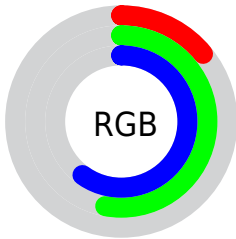
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 90, 152
Decimal	2394264
CIE <sub>Lab</sub>	52.12, -22.22, -16.64
CIE <sub>LCh</sub>	52, 27.765, 216.827
Yxy	20.2504, 0.2227, 0.2967
Android (android.graphics.Color)	4280584344 (0xFF248898)
YUV	107.9240, 21.7295, -63.0773
Hunter-Lab	45.0004, -18.4611, -11.7328

# Details

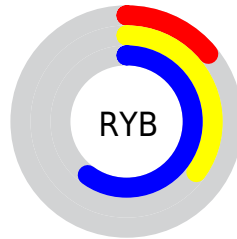
The Hex color **248898** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **983424**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **64BECE**, and **005665** is the 20% darker color. If you saturate the color by 10%, you get **158698**, and if you desaturate by 10%, it is **338A98**.

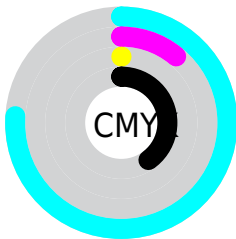
# Distribution



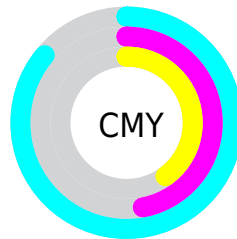
- Red (14%)
- Green (53%)
- Blue (60%)



- Red (14%)
- Yellow (35%)
- Blue (60%)



- Cyan (76%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (86%)
- Magenta (47%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 248898 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 248898 by changing the saturation by 10% instead.



 248898

 248898

FFFFFF

 006E7E

 64BECE

 005665

 81D9EA

 003E4D

 9EF6FF

 002836

 BBFFFF

 001021

 D8FFFF

 000007

 F6FFFF

 000000

 248898

 248898

 158698

 338A98

068498

428C98

008398

528E98

619098

709298

7F9598

8E9798

9E9998

AD9B98

# Harmonies

## Analogous

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



338981



248898



3D84A7

# Triad

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



248898



9F6D90



877D4D

# Complementary

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



248898



983424

# 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.



9C7451



248898



AA6A78

# Square

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



248898



8674A2



A96D61



6D8355

# Rectangle

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



248898



577FAB



A96D61



8F7A4D



# Sweetspot

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



248898



97BEC4



249833



486063



E3E3E3



636363



# Same Dimension

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



248898



10ABC4



244F98



454B4D



00798C



000B0D



# Inverse Universe

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



982488



C410AB



986D24



4D454B



8C0079



0D000B



# Previews

## White Background



This preview shows how the Hex color 248898 looks on a white background.

## Color Contrast Check

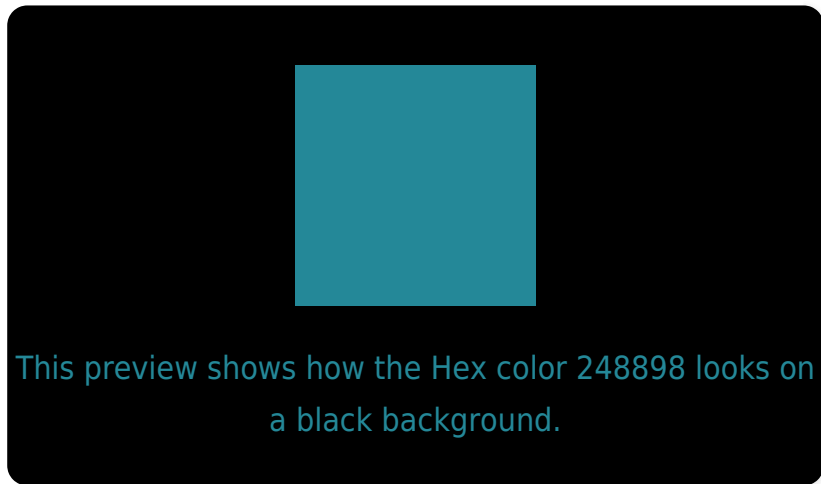
Large Text (above 18pt) WCAG AA ✓ Pass

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

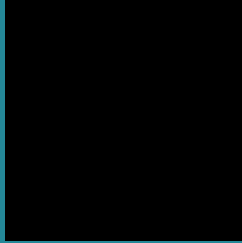
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 248898 Background



This preview shows how black text looks on a background with the Hex color 248898.

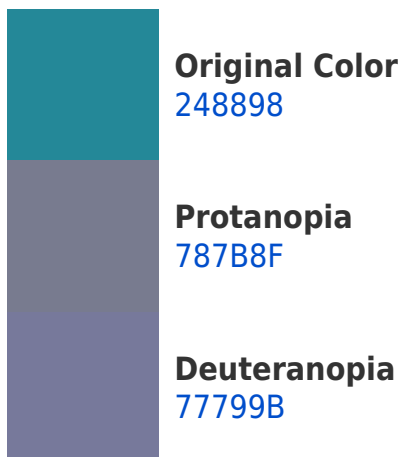


This preview shows how white text looks on a background with the Hex color 248898.

# 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





**Tritanopia**  
208994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 248898 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 #248898 looks like.

```
.text, #text, p{  
  color:#248898  
}
```

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 #248898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248898
}
```

## Border

The CSS property to change the border of an element to Hex 248898 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
#248898 }
```

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

```
.border{ border-color:#248898 }
```

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

Here you see how a box with a 4 pixel #248898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248898; -webkit-box-shadow:4px 4px  
4px 4px #248898; box-shadow:4px 4px 4px  
4px #248898 }
```

# Background

The CSS property to change the background color of an element to Hex 248898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248898 }
```

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

```
.background{ background-color:#248898 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor