

# Converting Colors

Hex(80878A)

Have a look what the booklet for  
Hex(80878A) contains.

<b>Hex(80878A)</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(80878A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80878A
RGB	128, 135, 138
RGB Percent	50%, 53%, 54%
CMY	0.4980, 0.4706, 0.4588
CMYK	0.07, 0.02, 0.00, 0.46
HSL	198°, 4%, 52%
HSV	198°, 7%, 54%
XYZ	22.1535, 23.7521, 27.4618
YIQ	133.2490, -5.1350, -0.5510

# Conversions

## Conversions Part 2

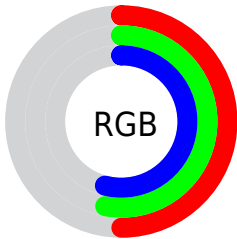
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 132, 138
Decimal	8423306
CIE Lab	55.84, -1.94, -2.50
CIE LCh	56, 3.168, 232.188
Yxy	23.7521, 0.3020, 0.3237
Android (android.graphics.Color)	4286613386 (0xFF80878A)
YUV	133.2490, 2.3422, -4.6034
Hunter-Lab	48.7361, -4.1493, 0.7067

# Details


The Hex color **80878A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A8380**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B5BCBF**, and **4F5558** is the 20% darker color. If you saturate the color by 10%, you get **72838A**, and if you desaturate by 10%, it is **8E8B8A**.

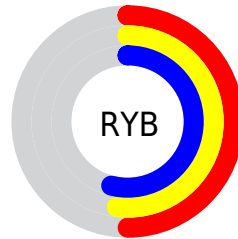
# Distribution




 Red (50%)

 Green (53%)

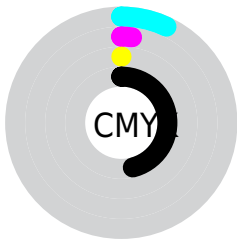
 Blue (54%)



 Red (50%)

 Yellow (52%)

 Blue (54%)

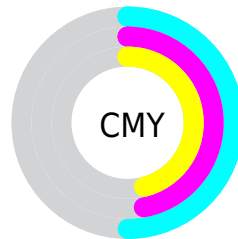


 Cyan (7%)


 Magenta (2%)

 Yellow (0%)

 Black (46%)



 Cyan (50%)

 Magenta (47%)

 Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80878A 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 80878A by changing the saturation by 10% instead.





80878A



80878A

FFFFFF



676E71



B5BCBF



4F5558



D0D8DB



383E41



EDF4F8



23282B



0D1416



000000



80878A



80878A



72838A



8E8B8A



647F8A



9C8F8A

577B8A

A9938A

49768A

B7988A

3B728A

C59C8A

2D6E8A

D3A08A

1F6A8A

E1A48A

12668A

EEA88A

04628A

FCAC8A

# Harmonies

## Analogous

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



7F8788



80878A



82868B

# Triad

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



80878A



8B8487



868681

# Complementary

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



80878A



8A8380

# 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.



898580



80878A



8C8484

# Square

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



80878A



898589



8B8582



838782

# Rectangle

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



80878A



84868B



8B8582



878680



# Sweetspot

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



80878A



AFB1B3



808A83



575959



D9D9D9



595959



# Same Dimension

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



80878A



A2AEB3



80828A



3E4345



005D85



000405



# Inverse Universe

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



8A8087



B3A2AE



8A8880



453E43



85005D



050004



# Previews

## White Background



This preview shows how the Hex color 80878A looks on a white background.

## Color Contrast Check

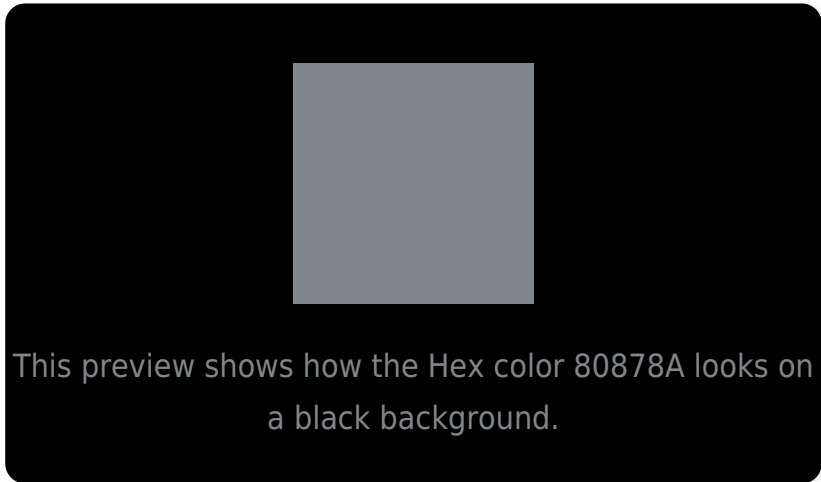
Large Text (above 18pt) WCAG AA ✓ Pass

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

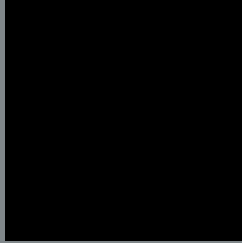
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

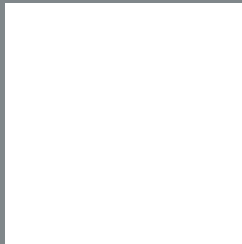
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80878A Background



This preview shows how black text looks on a background with the Hex color 80878A.



This preview shows how white text looks on a background with the Hex color 80878A.

# 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](#).

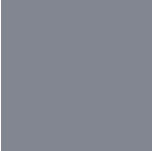
## Dichromacy



**Original Color**  
80878A

**Protanopia**  
878589

**Deuteranopia**  
90828B



**Tritanopia**  
818691

# Trichromacy



**Original Color**  
80878A

**Protanomaly**  
848689

**Deuteranomaly**  
8A848B

**Tritanomaly**  
81868E

# Monochromacy



**Original Color**  
80878A

**Achromatopsia**  
858585

**Achromatomaly**  
838687

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80878A 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 #80878A looks like.

```
.text, #text, p{  
    color:#80878A  
}
```

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 #80878A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80878A
}
```

## Border

The CSS property to change the border of an element to Hex 80878A 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
#80878A }
```

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

```
.border{ border-color:#80878A }
```

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

Here you see how a box with a 4 pixel #80878A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80878A; -webkit-box-shadow:4px 4px  
4px 4px #80878A; box-shadow:4px 4px 4px  
4px #80878A }
```

# Background

The CSS property to change the background color of an element to Hex 80878A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80878A }
```

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

```
.background{ background-color:#80878A }
```

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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