

# Converting Colors

Hex(808D90)

Have a look what the booklet for  
Hex(808D90) contains.

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# Color

**Hex(808D90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808D90
RGB	128, 141, 144
RGB Percent	50%, 55%, 56%
CMY	0.4980, 0.4471, 0.4353
CMYK	0.11, 0.02, 0.00, 0.44
HSL	191°, 7%, 53%
HSV	191°, 11%, 56%
XYZ	23.4610, 25.6526, 30.1005
YIQ	137.4550, -8.7110, -1.8230

# Conversions

## Conversions Part 2

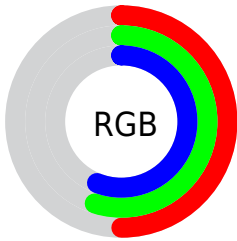
Format	Color
<b>RYB</b>	128, 135, 144
Decimal	8424848
CIELab	57.71, -4.05, -3.21
CIElCh	58, 5.168, 218.372
Yxy	25.6526, 0.2962, 0.3238
Android (android.graphics.Color)	4286614928 (0xFF808D90)
YUV	137.4550, 3.2267, -8.2920
Hunter-Lab	50.6484, -5.9510, 0.2176

# Details

The Hex color **808D90** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **908380**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B5C3C6**, and **4F5B5E** is the 20% darker color. If you saturate the color by 10%, you get **728A90**, and if you desaturate by 10%, it is **8E9090**.

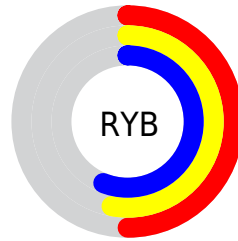
# Distribution



Red (50%)

Green (55%)

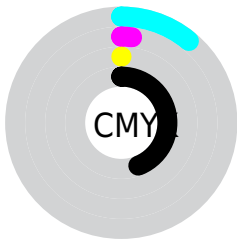
Blue (56%)



Red (50%)

Yellow (53%)

Blue (56%)

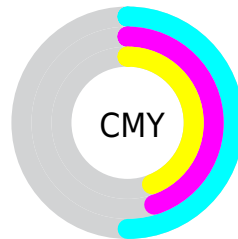


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (45%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808D90 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 808D90 by changing the saturation by 10% instead.



808D90

808D90

FFFFFF

677376

B5C3C6

4F5B5E

D0DEE2

384346

EDFBFE

222D30

0D191B

000000

808D90

808D90

728A90

8E9090

638890

9D9290

■ 558590

■ AB9590

■ 468290

■ BA9890

■ 388090

■ C89A90

■ 2A7D90

■ D69D90

■ 1B7A90

■ E5A090

■ 0D7790

■ F3A390

■ 007590

■ FFA590

# Harmonies

## Analogous

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



808D8C



808D90



838C93

# Triad

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



808D90



92888E



8D8B82

# Complementary

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



808D90



908380

# 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.



928982



808D90



948889

# Square

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



808D90



8D8992



948885



888C83

# Rectangle

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



808D90



868B94



948885



8F8A82



# Sweetspot

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



808D90



B5B9BA



809083



5B5E5E



DEDEDE



5E5E5E



# Same Dimension

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



808D90



A2B6BA



808590



404647



006E87



000608



# Inverse Universe

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



90808D



BAA2B6



908B80



474046



87006E



080006



# Previews

## White Background



This preview shows how the Hex color 808D90 looks on a white background.

## Color Contrast Check

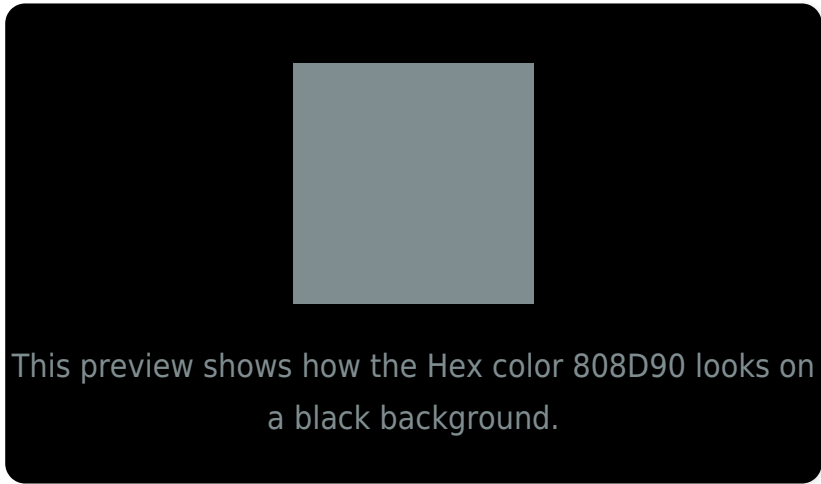
Large Text (above 18pt) WCAG AA ✓ Pass

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

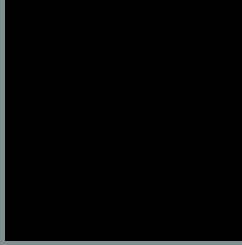
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

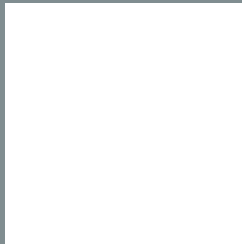
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808D90 Background



This preview shows how black text looks on a background with the Hex color 808D90.



This preview shows how white text looks on a background with the Hex color 808D90.

# 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**  
808D90

**Protanopia**  
8C8A8E

**Deuteranopia**  
958691



**Tritanopia**  
818C97

# Trichromacy



**Original Color**  
808D90

**Protanomaly**  
888B8F

**Deuteranomaly**  
8D8991

**Tritanomaly**  
818C94

# Monochromacy



**Original Color**  
808D90

**Achromatopsia**  
898989

**Achromatomaly**  
868A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808D90 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 #808D90 looks like.

```
.text, #text, p{  
    color:#808D90  
}
```

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 #808D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808D90
}
```

## Border

The CSS property to change the border of an element to Hex 808D90 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
#808D90 }
```

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

```
.border{ border-color:#808D90 }
```

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

Here you see how a box with a 4 pixel #808D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808D90; -webkit-box-shadow:4px 4px  
4px 4px #808D90; box-shadow:4px 4px 4px  
4px #808D90 }
```

# Background

The CSS property to change the background color of an element to Hex 808D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808D90 }
```

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

```
.background{ background-color:#808D90 }
```

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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