

# Converting Colors

Hex(828390)

Have a look what the booklet for  
Hex(828390) contains.

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# Color

**Hex(828390)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	828390
RGB	130, 131, 144
RGB Percent	51%, 51%, 56%
CMY	0.4902, 0.4863, 0.4353
CMYK	0.10, 0.09, 0.00, 0.44
HSL	236°, 6%, 54%
HSV	236°, 10%, 56%
XYZ	22.3563, 22.9920, 29.6452
YIQ	132.1830, -4.7690, 3.8310

# Conversions

## Conversions Part 2

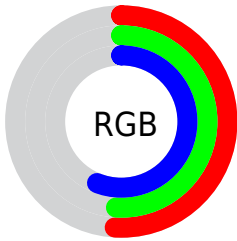
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 131, 144
Decimal	8553360
CIE Lab	55.06, 2.33, -7.10
CIE LCh	55, 7.476, 288.180
Yxy	22.9920, 0.2981, 0.3066
Android (android.graphics.Color)	4286743440 (0xFF828390)
YUV	132.1830, 5.8258, -1.9145
Hunter-Lab	47.9500, -0.6885, -3.0911

# Details

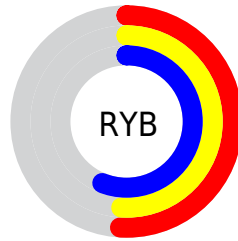
The Hex color **828390** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **908F82**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B7B8C6**, and **51525E** is the 20% darker color. If you saturate the color by 10%, you get **747690**, and if you desaturate by 10%, it is **909090**.

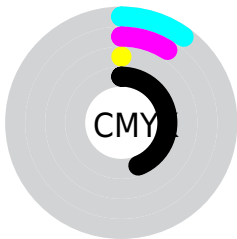
# Distribution



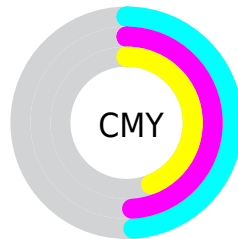
- Red (51%)
- Green (51%)
- Blue (56%)



- Red (51%)
- Yellow (51%)
- Blue (56%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (49%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828390 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 828390 by changing the saturation by 10% instead.



■ 828390

■ 828390

FFFFFF

■ 696A76

■ B7B8C6

■ 51525E

■ D3D4E2

■ 3A3B46

■ EFFF0E

■ 242530

■ 0F101B

■ 000000

■ 828390

■ 828390

■ 747690

■ 909090

■ 656890

■ 9F9E90

575B90

ADAB90

484E90

BCB890

3A4090

CAC690

2C3390

D8D390

1D2590

E7E190

0F1890

F5EE90

000B90

FFFB90

# Harmonies

## Analogous

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



7A8590



828390



8A818C

# Triad

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



828390



91817A



778881

# Complementary

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



828390



908F82

# 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.



7D867B



828390



8C8277

# Square

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



828390



928080



858578



748888

# Rectangle

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



828390



8E8089



858578



79877F



# Sweetspot

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



828390



B5B5BA



82908F



5B5B5E



DEDEDE



5E5E5E



# Same Dimension

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



828390



A4A5BA



888290



404147



000A87



000108



# Inverse Universe

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



908283



BAA4A5



8A9082



474041



87000A



080001



# Previews

## White Background



This preview shows how the Hex color 828390 looks on a white background.

## Color Contrast Check

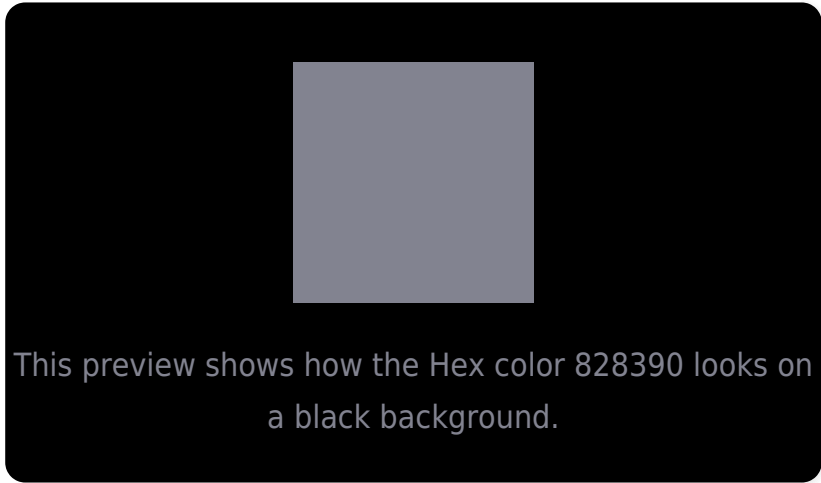
Large Text (above 18pt) WCAG AA ✓ Pass

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

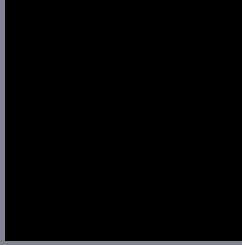
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

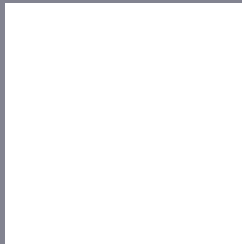
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 828390 Background



This preview shows how black text looks on a background with the Hex color 828390.

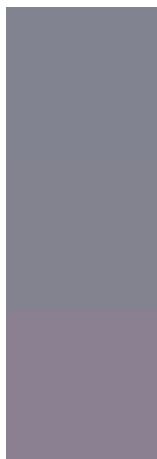


This preview shows how white text looks on a background with the Hex color 828390.

# 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**

828390

**Protanopia**

838390

**Deuteranopia**

8B8091



**Tritanopia**  
82838E

# Trichromacy



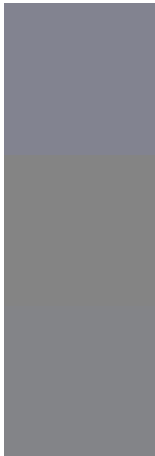
**Original Color**  
828390

**Protanomaly**  
838390

**Deuteranomaly**  
888191

**Tritanomaly**  
82838F

# Monochromacy



**Original Color**  
828390

**Achromatopsia**  
848484

**Achromatomaly**  
838488

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828390 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 #828390 looks like.

```
.text, #text, p{  
    color:#828390  
}
```

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 #828390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828390
}
```

## Border

The CSS property to change the border of an element to Hex 828390 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
#828390 }
```

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

```
.border{ border-color:#828390 }
```

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

Here you see how a box with a 4 pixel #828390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828390; -webkit-box-shadow:4px 4px  
4px 4px #828390; box-shadow:4px 4px 4px  
4px #828390 }
```

# Background

The CSS property to change the background color of an element to Hex 828390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828390 }
```

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

```
.background{ background-color:#828390 }
```

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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