

Converting Colors

Hex(808099)

Have a look what the booklet for
Hex(808099) contains.

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Color

Hex(808099)

Conversions

Conversions Part 1

Format	Color
Hex	808099
RGB	128, 128, 153
RGB Percent	50%, 50%, 60%
CMY	0.4980, 0.4980, 0.4000
CMYK	0.16, 0.16, 0.00, 0.40
HSL	240°, 11%, 55%
HSV	240°, 16%, 60%
XYZ	22.3710, 22.3274, 33.2675
YIQ	130.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

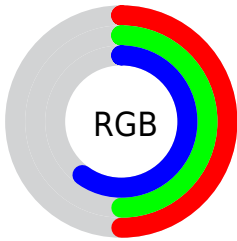
Format	Color
R_{YB}	128, 128, 153
Decimal	8421529
CIE _{Lab}	54.37, 5.38, -13.37
CIE _{LCh}	54, 14.415, 291.918
Yxy	22.3274, 0.2869, 0.2864
Android (android.graphics.Color)	4286611609 (0xFF808099)
YUV	130.8500, 10.9200, -2.4994
Hunter-Lab	47.2519, 1.8185, -8.6666

Details

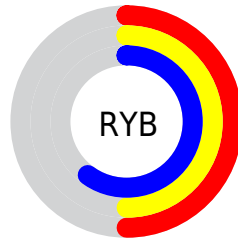
The Hex color **808099** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **999980**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B5B5CF**, and **4F4F66** is the 20% darker color. If you saturate the color by 10%, you get **717199**, and if you desaturate by 10%, it is **8F8F99**.

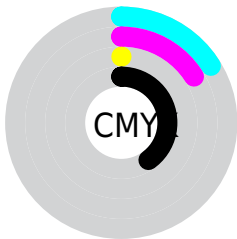
Distribution



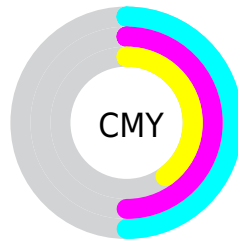
- Red (50%)
- Green (50%)
- Blue (60%)



- Red (50%)
- Yellow (50%)
- Blue (60%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808099 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 808099 by changing the saturation by 10% instead.

■ 808099

■ 808099

FFFFFF

■ 67677F

■ B5B5CF

■ 4F4F66

■ D1D0EC

■ 37384E

■ EDEDFF

■ 212337

■ 0D0D22

■ 000009

■ 000000

■ 808099

■ 808099

■ 717199

■ 8F8F99

616199

9F9F99

525299

AEAE99

434399

BDBD99

343499

CDCD99

242499

DCDC99

151599

EBEB99

060699

FAFA99

000099

FFFF99

Harmonies

Analogous

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



70849A



808099



8F7C92

Triad

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



808099



997C6F



67897E

Complementary

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



808099



999980

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.



748772



808099



8F806A

Square

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



808099



9C7A79



82846B



61898B

Rectangle

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



808099



967A8A



82846B



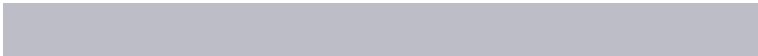
6B897A

Sweetspot

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



808099



BDBDC7



809999



5D5D63



E3E3E3



636363

Same Dimension

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



808099



9F9FC7



8D8099



45454D



00008C



00000D

Inverse Universe

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



998099



C79FC7



8D9980



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 808099 looks on a white background.

Color Contrast Check

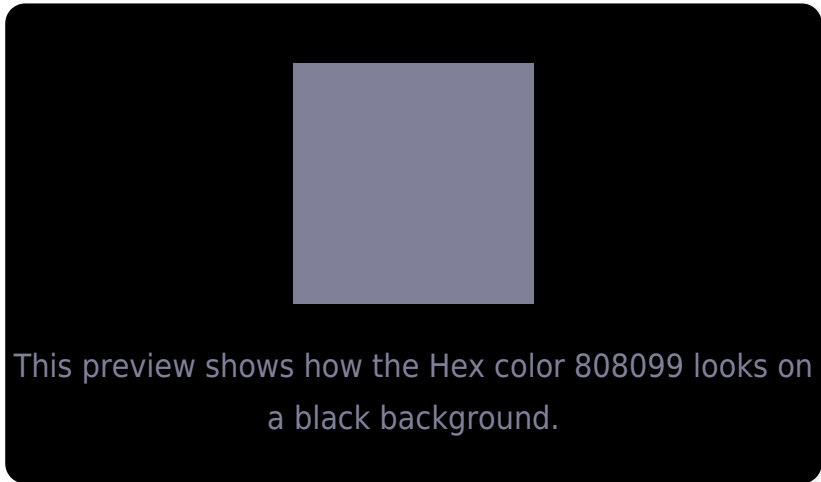
Large Text (above 18pt) WCAG AA ✓ Pass

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

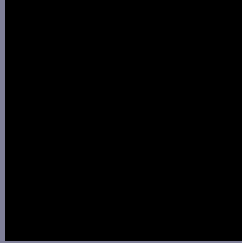
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

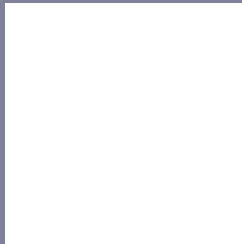
Any Text WCAG AAA × Fail

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

Hex 808099 Background



This preview shows how black text looks on a background with the Hex color 808099.



This preview shows how white text looks on a background with the Hex color 808099.

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
808099

Protanopia
7D819A

Deuteranopia
837F99



Tritanopia
7E828C

Trichromacy



Original Color
808099

Protanomaly
7E819A

Deuteranomaly
827F99

Tritanomaly
7F8191

Monochromacy



Original Color
808099

Achromatopsia
838383

Achromatomaly
82828B

CSS Examples

Text

The CSS property to change the color of the text to Hex 808099 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 #808099 looks like.

```
.text, #text, p{  
    color:#808099  
}
```

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 #808099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808099
}
```

Border

The CSS property to change the border of an element to Hex 808099 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
#808099 }
```

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

```
.border{ border-color:#808099 }
```

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

Here you see how a box with a 4 pixel #808099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808099; -webkit-box-shadow:4px 4px  
4px 4px #808099; box-shadow:4px 4px 4px  
4px #808099 }
```

Background

The CSS property to change the background color of an element to Hex 808099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808099 }
```

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

```
.background{ background-color:#808099 }
```

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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