

Converting Colors

Hex(64798D)

Have a look what the booklet for
Hex(64798D) contains.

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Color

Hex(64798D)

Conversions

Conversions Part 1

Format	Color
Hex	64798D
RGB	100, 121, 141
RGB Percent	39%, 47%, 55%
CMY	0.6078, 0.5255, 0.4471
CMYK	0.29, 0.14, 0.00, 0.45
HSL	209°, 17%, 47%
HSV	209°, 29%, 55%
XYZ	16.9006, 18.3072, 27.8422
YIQ	117.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

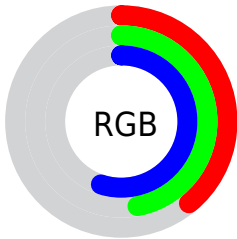
Format	Color
RYB	100, 114, 141
Decimal	6584717
CIELab	49.87, -2.74, -13.38
CIELCh	50, 13.659, 258.408
Yxy	18.3072, 0.2681, 0.2904
Android (android.graphics.Color)	4284774797 (0xFF64798D)
YUV	117.0010, 11.8315, -14.9099
Hunter-Lab	42.7869, -4.3703, -8.6303

Details

The Hex color **64798D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8D7864**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **98ADC3**, and **34495B** is the 20% darker color. If you saturate the color by 10%, you get **56728D**, and if you desaturate by 10%, it is **72808D**.

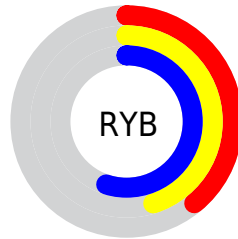
Distribution



Red (39%)

Green (47%)

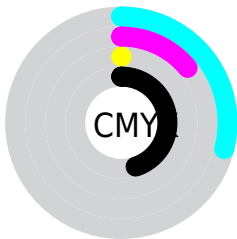
Blue (55%)



Red (39%)

Yellow (45%)

Blue (55%)

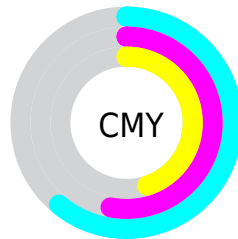


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64798D 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 64798D by changing the saturation by 10% instead.

■ 64798D

■ 64798D

FFFFFF

■ 4B6073

■ 98ADC3

■ 34495B

■ B3C9DF

■ 1D3243

■ CFE5FB

■ 051D2D

■ EBFFFF

■ 000119

■ 000000

■ 64798D

■ 64798D

■ 56728D

■ 72808D

■ 486B8D

■ 80878D

■ 3A648D

■ 8E8E8D

■ 2C5D8D

■ 9C958D

■ 1E578D

■ AB9B8D

■ 0F508D

■ B9A28D

■ 01498D

■ C7A98D

■ 00488D

■ D5B08D

■ E3B78D

Harmonies

Analogous

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



5A7C88



64798D



73758C

Triad

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



64798D



8F6F70



6B7B67

Complementary

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



64798D



8D7864

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.



787861



64798D



8C7166

Square

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



64798D



8B6F7C



847460



5F7D72

Rectangle

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



64798D



7D7389



847460



6F7A64

Sweetspot

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



64798D



A7B0B8



648D78



52575C



DBDBDB



5C5C5C

Same Dimension

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



64798D



7798B8



64658D



404447



004587



000408

Inverse Universe

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



8D6479



B87798



8D8C64



474044



870045



080004

Previews

White Background



This preview shows how the Hex color 64798D looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

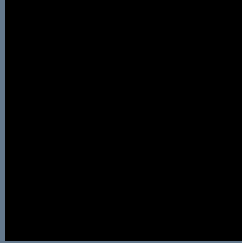
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

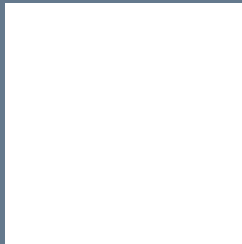
Any Text WCAG AAA × Fail

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

Hex 64798D Background



This preview shows how black text looks on a background with the Hex color 64798D.



This preview shows how white text looks on a background with the Hex color 64798D.

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
64798D

Protanopia
72758B

Deuteranopia
76748E



Tritanopia
627A84

Trichromacy



Original Color
64798D

Protanomaly
6D768C

Deuteranomaly
6F768E

Tritanomaly
637A87

Monochromacy



Original Color
64798D

Achromatopsia
757575

Achromatomaly
6F767E

CSS Examples

Text

The CSS property to change the color of the text to Hex 64798D 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 #64798D looks like.

```
.text, #text, p{  
    color:#64798D  
}
```

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 #64798D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64798D
}
```

Border

The CSS property to change the border of an element to Hex 64798D is called "border". The border property can be set on classes, ids or directly on the HTML element.

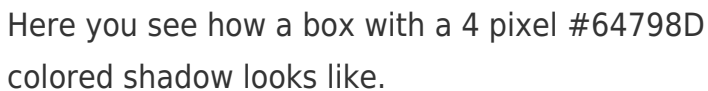
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64798D }
```

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

```
.border{ border-color:#64798D }
```

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



Here you see how a box with a 4 pixel #64798D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64798D; -webkit-box-shadow:4px 4px  
4px 4px #64798D; box-shadow:4px 4px 4px  
4px #64798D }
```

Background

The CSS property to change the background color of an element to Hex 64798D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64798D }
```

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

```
.background{ background-color:#64798D }
```

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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