

Converting Colors

Hex(6796A8)

Have a look what the booklet for
Hex(6796A8) contains.

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Color

Hex(6796A8)

Conversions

Conversions Part 1

Format	Color
Hex	6796A8
RGB	103, 150, 168
RGB Percent	40%, 59%, 66%
CMY	0.5961, 0.4118, 0.3412
CMYK	0.39, 0.11, 0.00, 0.34
HSL	197°, 27%, 53%
HSV	197°, 39%, 66%
XYZ	23.5677, 27.5234, 41.1162
YIQ	137.9990, -33.7900, -4.3660

Conversions

Conversions Part 2

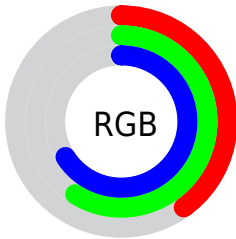
Format	Color
R_{YB}	103, 130, 168
Decimal	6788776
CIE _{Lab}	59.46, -11.12, -14.46
CIE _{LCh}	59, 18.244, 232.448
Yxy	27.5234, 0.2556, 0.2985
Android (android.graphics.Color)	4284978856 (0xFF6796A8)
YUV	137.9990, 14.7905, -30.6941
Hunter-Lab	52.4628, -11.6226, -9.7429

Details

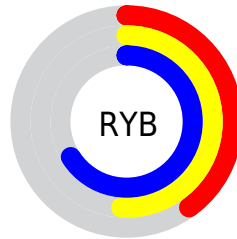
The Hex color **6796A8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A87967**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9DCCDF**, and **336374** is the 20% darker color. If you saturate the color by 10%, you get **5691A8**, and if you desaturate by 10%, it is **789BA8**.

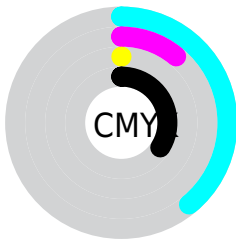
Distribution



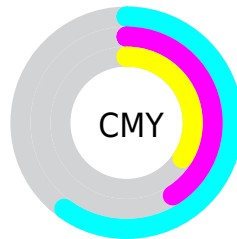
- Red (40%)
- Green (59%)
- Blue (66%)



- Red (40%)
- Yellow (51%)
- Blue (66%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6796A8 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 6796A8 by changing the saturation by 10% instead.



6796A8



6796A8

FFFFFF



4D7C8E



9DCCDF



336374



B8E8FC



174B5B



D4FFFF



003544



F1FFFF



001F2E



000119



000000



6796A8



6796A8



5691A8



789BA8

■ 458DA8

■ 899FA8

■ 3588A8

■ 99A4A8

■ 2483A8

■ AAA9A8

■ 137FA8

■ BBADA8

■ 027AA8

■ CCB2A8

■ 0079A8

■ DDB7A8

■ EDBBA8

■ FEC0A8

Harmonies

Analogous

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



63989B



6796A8



7792AF

Triad

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



6796A8



AD8494



8F9271

Complementary

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



6796A8



A87967

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.



9F8D70



6796A8



B08484

Square

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



6796A8



A087A3



AB8876



7C967B

Rectangle

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



6796A8



858EAE



AB8876



949070

Sweetspot

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



6796A8



C1D4DB



67A878



5E696E



EDEDED



6E6E6E

Same Dimension

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



6796A8



76BFDB



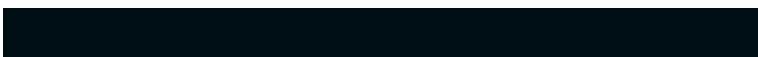
6776A8



4C5254



006B94



000F14

Inverse Universe

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



A86796



DB76BF



A89967



544C52



94006B



14000F

Previews

White Background



This preview shows how the Hex color 6796A8 looks on a white background.

Color Contrast Check

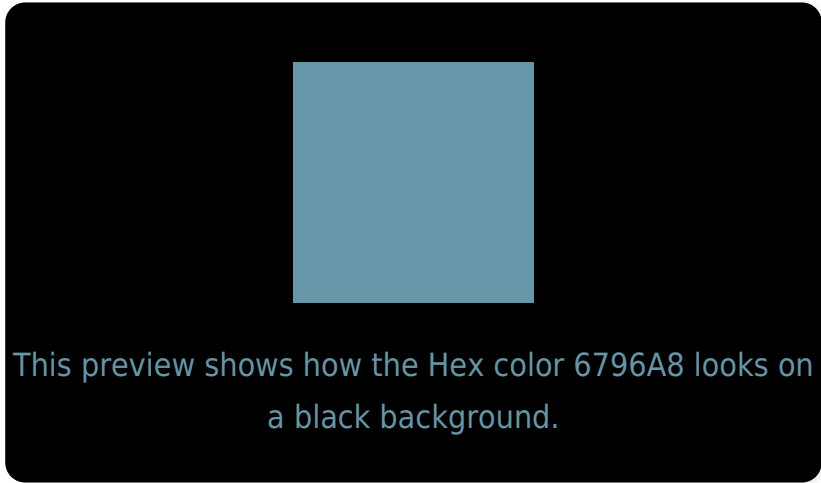
Large Text (above 18pt) WCAG AA ✓ Pass

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

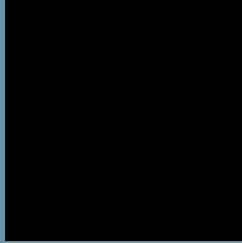
Any Text WCAG AA ✓ Pass

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 6796A8 Background



This preview shows how black text looks on a background with the Hex color 6796A8.



This preview shows how white text looks on a background with the Hex color 6796A8.

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
6796A8

Protanopia
8B8EA2

Deuteranopia
8F8BAA



Tritanopia
6697A3

Trichromacy



Original Color
6796A8

Protanomaly
7E91A4

Deuteranomaly
808FA9

Tritanomaly
6697A5

Monochromacy



Original Color
6796A8

Achromatopsia
8A8A8A

Achromatomaly
7D8E95

CSS Examples

Text

The CSS property to change the color of the text to Hex 6796A8 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 #6796A8 looks like.

```
.text, #text, p{  
    color:#6796A8  
}
```

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 #6796A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6796A8
}
```

Border

The CSS property to change the border of an element to Hex 6796A8 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
#6796A8 }
```

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

```
.border{ border-color:#6796A8 }
```

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

Here you see how a box with a 4 pixel #6796A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6796A8; -webkit-box-shadow:4px 4px  
4px 4px #6796A8; box-shadow:4px 4px 4px  
4px #6796A8 }
```

Background

The CSS property to change the background color of an element to Hex 6796A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6796A8 }
```

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

```
.background{ background-color:#6796A8 }
```

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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