

Converting Colors

Hex(6796AC)

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

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Color

Hex(6796AC)

Conversions

Conversions Part 1

Format	Color
Hex	6796AC
RGB	103, 150, 172
RGB Percent	40%, 59%, 67%
CMY	0.5961, 0.4118, 0.3255
CMYK	0.40, 0.13, 0.00, 0.33
HSL	199°, 29%, 54%
HSV	199°, 40%, 67%
XYZ	23.9463, 27.6748, 43.1094
YIQ	138.4550, -35.0740, -3.1220

Conversions

Conversions Part 2

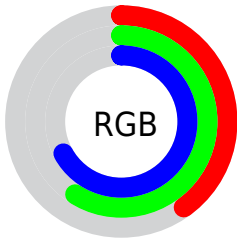
Format	Color
RYB	103, 131, 172
Decimal	6788780
CIELab	59.59, -10.04, -16.52
CIElCh	60, 19.337, 238.713
Yxy	27.6748, 0.2528, 0.2921
Android (android.graphics.Color)	4284978860 (0xFF6796AC)
YUV	138.4550, 16.5377, -31.0940
Hunter-Lab	52.6069, -10.8101, -11.7612

Details

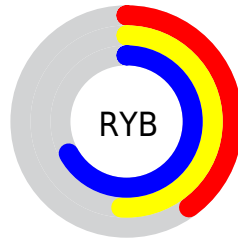
The Hex color **6796AC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC7D67**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9DCCE3**, and **336378** is the 20% darker color. If you saturate the color by 10%, you get **5691AC**, and if you desaturate by 10%, it is **789BAC**.

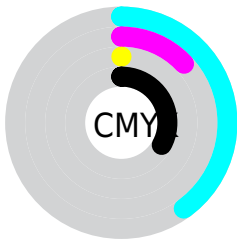
Distribution



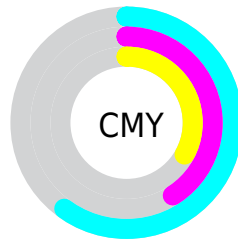
- Red (40%)
- Green (59%)
- Blue (67%)



- Red (40%)
- Yellow (51%)
- Blue (67%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 6796AC

■ 6796AC

FFFFFF

■ 4D7C91

■ 9DCCE3

■ 336378

■ B8E8FF

■ 164B5F

■ D5FFFF

■ 003547

■ F2FFFF

■ 001F31

■ 00021C

■ 000000

■ 6796AC

■ 6796AC

■ 5691AC

■ 789BAC

458BAC

89A1AC

3386AC

9BA6AC

2280AC

ACACAC

117BAC

BDB1AC

0075AC

CEB7AC

DFBCAC

F1C2AC

FFC7AC

Harmonies

Analogous

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



60999F



6796AC



7A91B1

Triad

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



6796AC



B08391



8B9371

Complementary

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



6796AC



AC7D67

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.



9D8E6E



6796AC



B28480

Square

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



6796AC



A586A1



AB8973



77977D

Rectangle

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



6796AC



8A8DB0



AB8973



91926F

Sweetspot

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



6796AC



C5D8E0



67AC7D



606B70



F0F0F0



707070

Same Dimension

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



6796AC



75BEE0



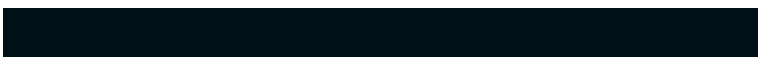
6774AC



4E5457



006696



001017

Inverse Universe

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



AC6796



E075BE



AC9F67



574E54



960066



170010

Previews

White Background



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

Color Contrast Check

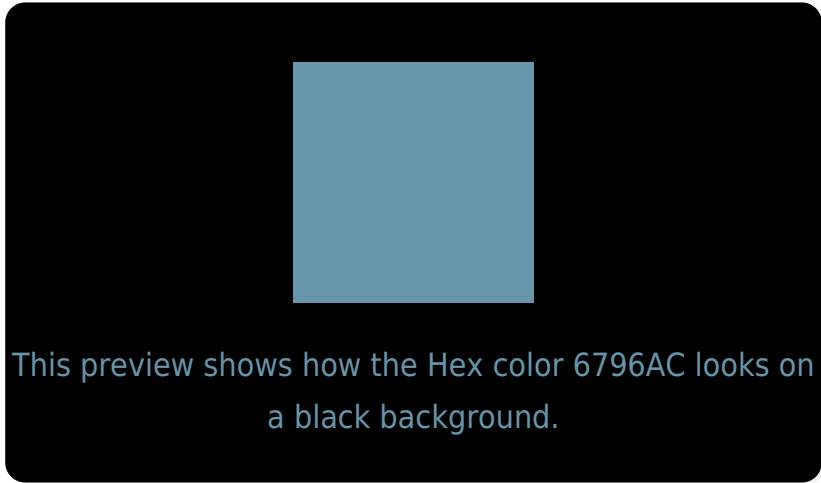
Large Text (above 18pt) WCAG AA ✓ Pass

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

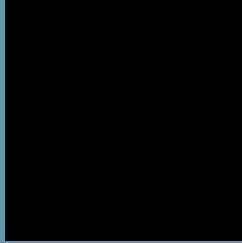
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

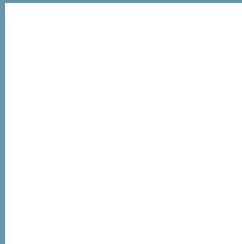
Any Text WCAG AAA × Fail

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

Hex 6796AC Background



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

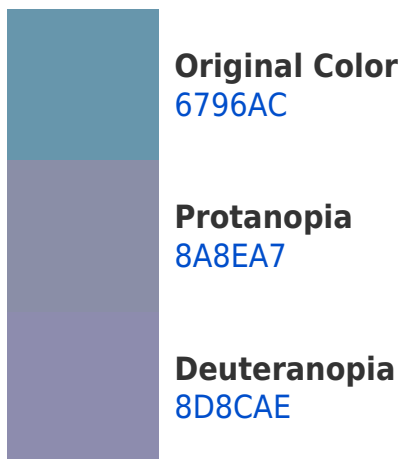


This preview shows how white text looks on a background with the Hex color 6796AC.

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](#).

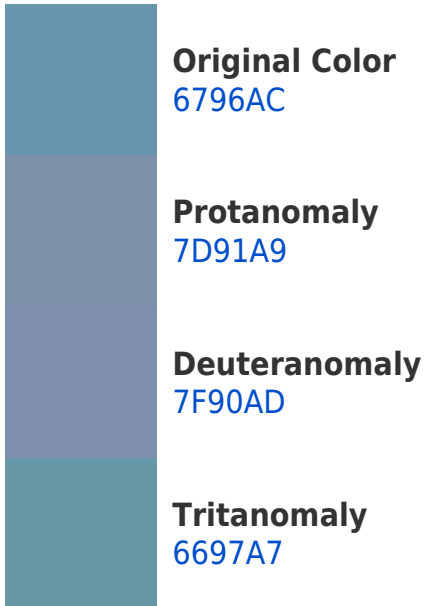
Dichromacy



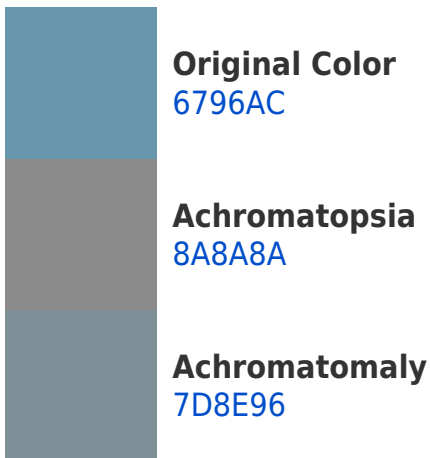


Tritanopia
6597A4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6796AC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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