

Converting Colors

Hex(70AAC6)

Have a look what the booklet for
Hex(70AAC6) contains.

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Color

Hex(70AAC6)

Conversions

Conversions Part 1

Format	Color
Hex	70AAC6
RGB	112, 170, 198
RGB Percent	44%, 67%, 78%
CMY	0.5608, 0.3333, 0.2235
CMYK	0.43, 0.14, 0.00, 0.22
HSL	200°, 43%, 61%
HSV	200°, 43%, 78%
XYZ	31.2499, 36.2714, 58.7801
YIQ	155.8500, -43.5560, -3.5880

Conversions

Conversions Part 2

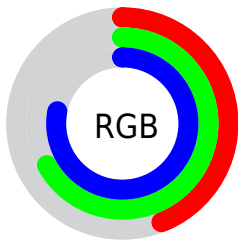
Format	Color
RYB	112, 147, 198
Decimal	7383750
CIELab	66.73, -11.48, -20.22
CIELCh	67, 23.252, 240.400
Yxy	36.2714, 0.2474, 0.2872
Android (android.graphics.Color)	4285573830 (0xFF70AAC6)
YUV	155.8500, 20.7800, -38.4564
Hunter-Lab	60.2258, -12.7752, -15.7088

Details

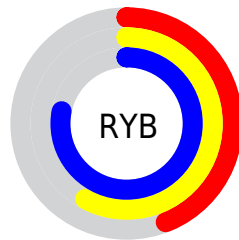
The Hex color **70AAC6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C68C70**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A7E1FF**, and **397690** is the 20% darker color. If you saturate the color by 10%, you get **5CA4C6**, and if you desaturate by 10%, it is **84B0C6**.

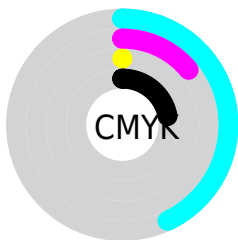
Distribution



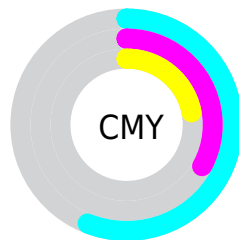
- Red (44%)
- Green (67%)
- Blue (78%)



- Red (44%)
- Yellow (58%)
- Blue (78%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AAC6 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 70AAC6 by changing the saturation by 10% instead.

 70AAC6

 70AAC6

FFFFFF

 5590AB

 A7E1FF

 397690

 C4FEFF

 1A5D76

 E1FFFF

 00465E

FEFFFF

 002F46

 001B2F

 00011B

 000000

 70AAC6

 70AAC6

■ 5CA4C6

■ 84B0C6

■ 489DC6

■ 98B7C6

■ 3597C6

■ ABBDC6

■ 2190C6

■ BFC4C6

■ 0D8AC6

■ D3CAC6

■ 0086C6

■ E7D1C6

■ FBD7C6

■ FFDEC6

■ FFE4C6

Harmonies

Analogous

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



66ADB7



70AAC6



89A4CC

Triad

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



70AAC6



CB93A3



9BA77E

Complementary

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



70AAC6



C68C70

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.



B2A179



70AAC6



CC958E

Square

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



70AAC6



BE96B7



C39A7F



83AC8D

Rectangle

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



70AAC6



9D9FC9



C39A7F



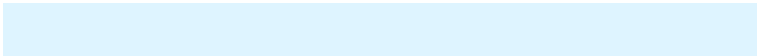
A3A57B

Sweetspot

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



70AAC6



DEF4FF



70C68B



6B7980



000000



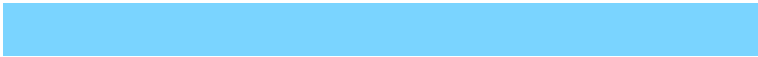
808080

Same Dimension

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



70AAC6



7AD4FF



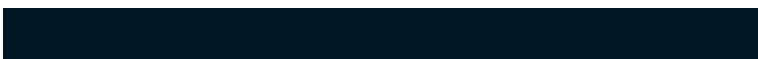
7080C6



5A6063



006EA3



001824

Inverse Universe

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



C670AA



FF7AD4



C6B670



635A60



A3006E



240018

Previews

White Background



This preview shows how the Hex color 70AAC6 looks on a white background.

Color Contrast Check

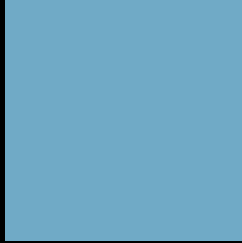
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 70AAC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

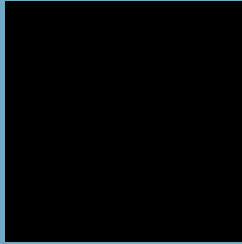
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 70AAC6 Background



This preview shows how black text looks on a background with the Hex color 70AAC6.



This preview shows how white text looks on a background with the Hex color 70AAC6.

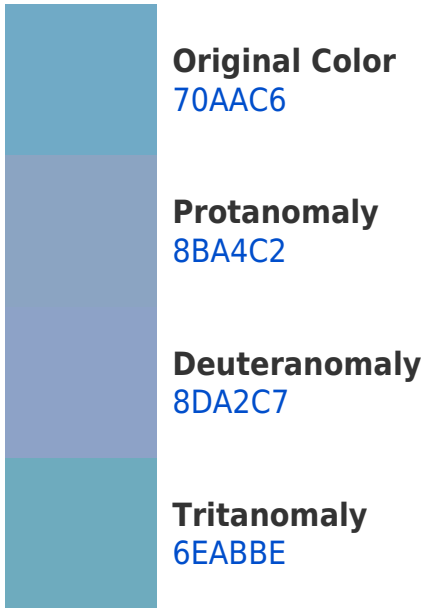
Color Blindness Simulation

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](#).

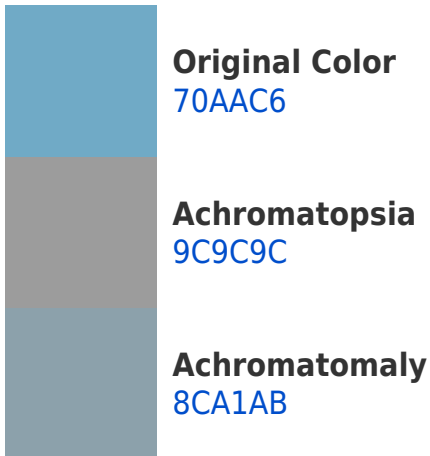
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AAC6 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 #70AAC6 looks like.

```
.text, #text, p{  
    color:#70AAC6  
}
```

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 #70AAC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AAC6  
}
```

Border

The CSS property to change the border of an element to Hex 70AAC6 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  
#70AAC6 }
```

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

```
.border{ border-color:#70AAC6 }
```

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

Here you see how a box with a 4 pixel #70AAC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AAC6; -webkit-box-shadow:4px 4px  
4px 4px #70AAC6; box-shadow:4px 4px 4px  
4px #70AAC6 }
```

Background

The CSS property to change the background color of an element to Hex 70AAC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AAC6 }
```

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

```
.background{ background-color:#70AAC6 }
```

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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