

Converting Colors

Hex(70A6B2)

Have a look what the booklet for
Hex(70A6B2) contains.

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Color

Hex(70A6B2)

Conversions

Conversions Part 1

Format	Color
Hex	70A6B2
RGB	112, 166, 178
RGB Percent	44%, 65%, 70%
CMY	0.5608, 0.3490, 0.3020
CMYK	0.37, 0.07, 0.00, 0.30
HSL	191°, 30%, 57%
HSV	191°, 37%, 70%
XYZ	28.3542, 33.9315, 47.1745
YIQ	151.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

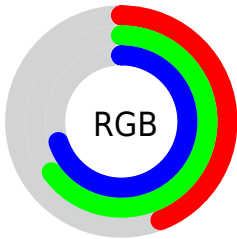
Format	Color
RYB	112, 142, 178
Decimal	7382706
CIELab	64.91, -14.65, -11.84
CIElCh	65, 18.839, 218.941
Yxy	33.9315, 0.2590, 0.3100
Android (android.graphics.Color)	4285572786 (0xFF70A6B2)
YUV	151.2220, 13.2016, -34.3977
Hunter-Lab	58.2508, -15.0521, -7.2406

Details

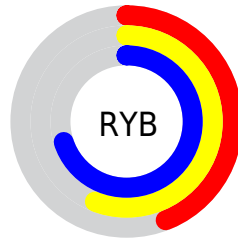
The Hex color **70A6B2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B27C70**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A6DDEA**, and **3C727D** is the 20% darker color. If you saturate the color by 10%, you get **5EA3B2**, and if you desaturate by 10%, it is **82A9B2**.

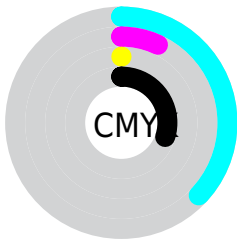
Distribution



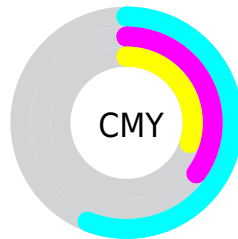
- Red (44%)
- Green (65%)
- Blue (70%)



- Red (44%)
- Yellow (56%)
- Blue (70%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A6B2 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 70A6B2 by changing the saturation by 10% instead.



70A6B2



70A6B2

FFFFFF



568C97



A6DDEA



3C727D



C2FAFF



205964



DFFFFFF



00424D



FCFFFF



002C36



001820



000007



000000



70A6B2



70A6B2

■ 5EA3B2

■ 82A9B2

■ 4CA0B2

■ 94ACB2

■ 3B9CB2

■ A5B0B2

■ 2999B2

■ B7B3B2

■ 1796B2

■ C9B6B2

■ 0593B2

■ DBB9B2

■ 0092B2

■ EDBDB2

■ FEC0B2

■ FFC3B2

Harmonies

Analogous

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



72A7A2



70A6B2



7CA2BC

Triad

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



70A6B2



B893AA



A59E7C

Complementary

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



70A6B2



B27C70

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.



B5987F



70A6B2



C09299

Square

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



70A6B2



A798B8



BF9489



92A383

Rectangle

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



70A6B2



899FBF



BF9489



AB9C7C

Sweetspot

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



70A6B2



CFE3E8



70B27B



667375



F5F5F5



757575

Same Dimension

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



70A6B2



82D5E8



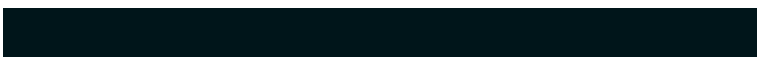
7086B2



505859



007D99



00151A

Inverse Universe

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



B270A6



E882D5



B29C70



595058



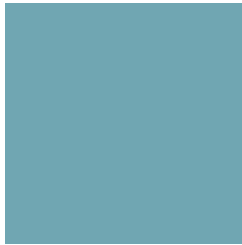
99007D



1A0015

Previews

White Background



This preview shows how the Hex color 70A6B2 looks on a white background.

Color Contrast Check

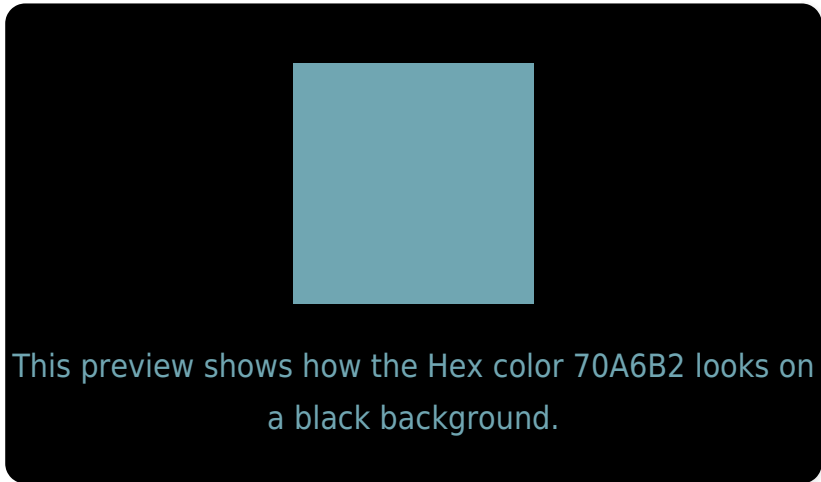
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 70A6B2 Background



This preview shows how black text looks on a background with the Hex color 70A6B2.

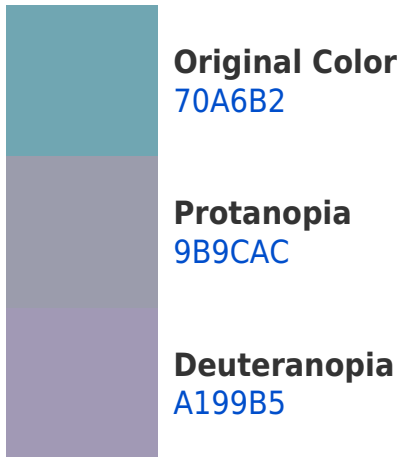


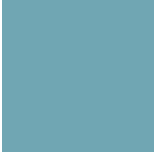
This preview shows how white text looks on a background with the Hex color 70A6B2.

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](#).

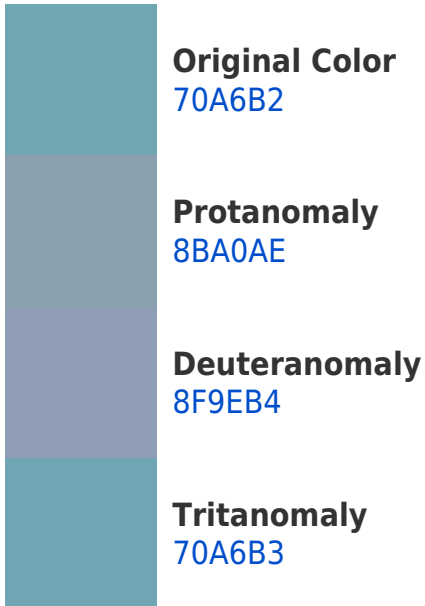
Dichromacy



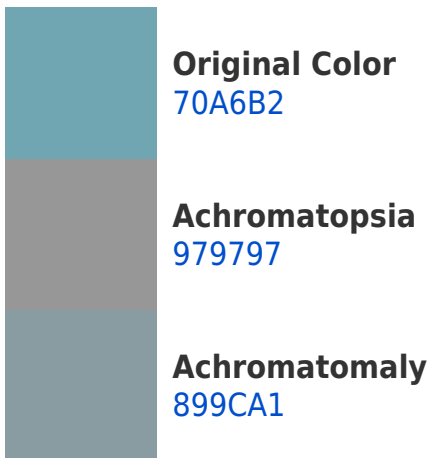


Tritanopia
70A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A6B2 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 #70A6B2 looks like.

```
.text, #text, p{  
    color:#70A6B2  
}
```

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 #70A6B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A6B2
}
```

Border

The CSS property to change the border of an element to Hex 70A6B2 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
#70A6B2 }
```

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

```
.border{ border-color:#70A6B2 }
```

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

Here you see how a box with a 4 pixel #70A6B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A6B2; -webkit-box-shadow:4px 4px  
4px 4px #70A6B2; box-shadow:4px 4px 4px  
4px #70A6B2 }
```

Background

The CSS property to change the background color of an element to Hex 70A6B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A6B2 }
```

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

```
.background{ background-color:#70A6B2 }
```

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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