

Converting Colors

Hex(70A6A6)

Have a look what the booklet for
Hex(70A6A6) contains.

Hex(70A6A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70A6A6)

Conversions

Conversions Part 1

Format	Color
Hex	70A6A6
RGB	112, 166, 166
RGB Percent	44%, 65%, 65%
CMY	0.5608, 0.3490, 0.3490
CMYK	0.33, 0.00, 0.00, 0.35
HSL	180°, 23%, 55%
HSV	180°, 33%, 65%
XYZ	27.2012, 33.4704, 41.1032
YIQ	149.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

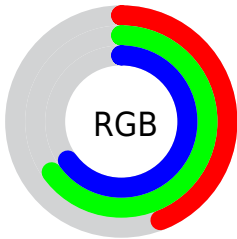
Format	Color
RYB	112, 139, 166
Decimal	7382694
CIELab	64.54, -17.66, -5.68
CIElCh	65, 18.548, 197.840
Yxy	33.4704, 0.2673, 0.3289
Android (android.graphics.Color)	4285572774 (0xFF70A6A6)
YUV	149.8540, 7.9600, -33.1980
Hunter-Lab	57.8536, -17.3177, -1.6262

Details

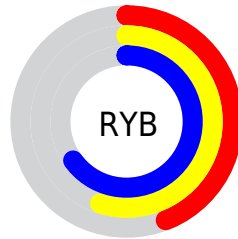
The Hex color **70A6A6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A67070**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A6DDDD**, and **3C7272** is the 20% darker color. If you saturate the color by 10%, you get **5FA6A6**, and if you desaturate by 10%, it is **81A6A6**.

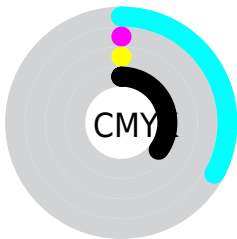
Distribution



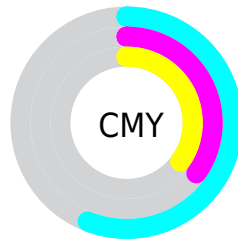
- Red (44%)
- Green (65%)
- Blue (65%)



- Red (44%)
- Yellow (55%)
- Blue (65%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 70A6A6 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 70A6A6 by changing the saturation by 10% instead.



70A6A6



70A6A6

FFFFFF



568C8C



A6DDDD



3C7272



C2FAFA



22595A



DEFFFF



024242



FBFFFF



002B2C



001818



000000



70A6A6



70A6A6



5FA6A6



81A6A6

■ 4FA6A6

■ 91A6A6

■ 3EA6A6

■ A2A6A6

■ 2EA6A6

■ B2A6A6

■ 1DA6A6

■ C3A6A6

■ 0CA6A6

■ D4A6A6

■ 00A6A6

■ E4A6A6

■ F5A6A6

■ FFA6A6

Harmonies

Analogous

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



7BA695



70A6A6



72A4B4

Triad

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



70A6A6



AB95B3



B0997C

Complementary

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



70A6A6



A67070

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.



BB9485



70A6A6



BA91A4

Square

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



70A6A6



979BBC



BF9193



9F9F7D

Rectangle

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



70A6A6



7BA2BB



BF9193



B4977E

Sweetspot

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



70A6A6



C3D9D9



70A670



606E6E



EDEDED



6E6E6E

Same Dimension

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



70A6A6



84D9D9



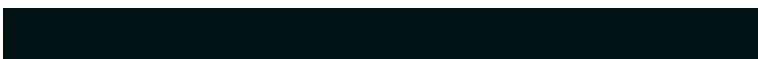
708BA6



4C5454



009494



001414

Inverse Universe

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



A670A6



D984D9



A68B70



544C54



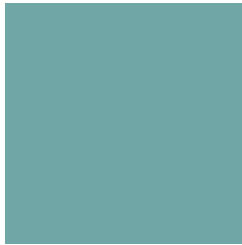
940094



140014

Previews

White Background



This preview shows how the Hex color 70A6A6 looks on a white background.

Color Contrast Check

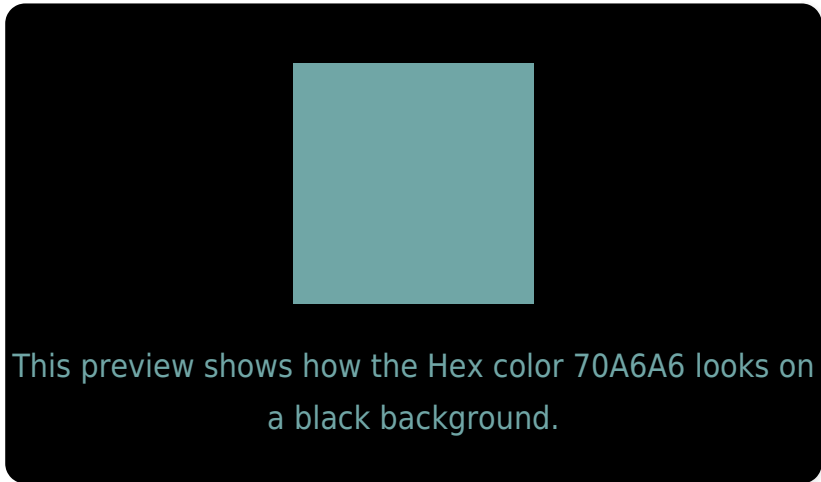
Large Text (above 18pt) WCAG AA × Fail

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

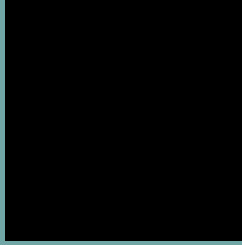
Any Text WCAG AA ✓ Pass

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 70A6A6 Background



This preview shows how black text looks on a background with the Hex color 70A6A6.

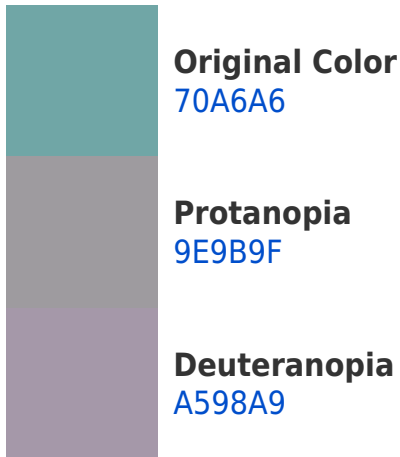


This preview shows how white text looks on a background with the Hex color 70A6A6.

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
73A4B1

Trichromacy



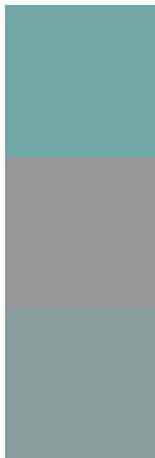
Original Color
70A6A6

Protanomaly
8D9FA2

Deuteranomaly
929DA8

Tritanomaly
72A5AD

Monochromacy



Original Color
70A6A6

Achromatopsia
969696

Achromatomaly
889C9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 70A6A6 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 #70A6A6 looks like.

```
.text, #text, p{  
    color:#70A6A6  
}
```

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 #70A6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A6A6
}
```

Border

The CSS property to change the border of an element to Hex 70A6A6 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
#70A6A6 }
```

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

```
.border{ border-color:#70A6A6 }
```

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

Here you see how a box with a 4 pixel #70A6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A6A6; -webkit-box-shadow:4px 4px  
4px 4px #70A6A6; box-shadow:4px 4px 4px  
4px #70A6A6 }
```

Background

The CSS property to change the background color of an element to Hex 70A6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A6A6 }
```

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

```
.background{ background-color:#70A6A6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor