

Converting Colors

Hex(70ABC6)

Have a look what the booklet for
Hex(70ABC6) contains.

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Color

Hex(70ABC6)

Conversions

Conversions Part 1

Format	Color
Hex	70ABC6
RGB	112, 171, 198
RGB Percent	44%, 67%, 78%
CMY	0.5608, 0.3294, 0.2235
CMYK	0.43, 0.14, 0.00, 0.22
HSL	199°, 43%, 61%
HSV	199°, 43%, 78%
XYZ	31.4380, 36.6478, 58.8428
YIQ	156.4370, -43.8310, -4.1110

Conversions

Conversions Part 2

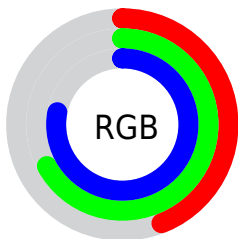
Format	Color
R _{YB}	112, 147, 198
Decimal	7384006
CIE _{Lab}	67.01, -12.02, -19.78
CIE _{LCh}	67, 23.150, 238.712
Y _{xy}	36.6478, 0.2477, 0.2887
Android (android.graphics.Color)	4285574086 (0xFF70ABC6)
YUV	156.4370, 20.4906, -38.9712
Hunter-Lab	60.5374, -13.2426, -15.2542

Details

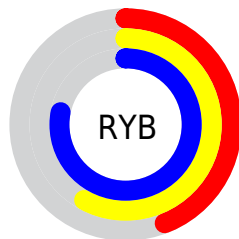
The Hex color **70ABC6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C68B70**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A7E2FF**, and **397790** is the 20% darker color. If you saturate the color by 10%, you get **5CA5C6**, and if you desaturate by 10%, it is **84B1C6**.

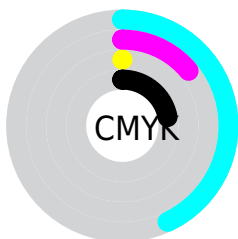
Distribution



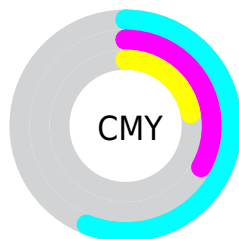
- Red (44%)
- Green (67%)
- Blue (78%)



- 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 70ABC6 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 70ABC6 by changing the saturation by 10% instead.

 70ABC6

 70ABC6

FFFFFF

 5590AB

 A7E2FF

 397790

 C4FFFF

 195E76

 E1FFFF

 00465E

FEFFFF

 003046

 001C2F

 00011B

 000000

 70ABC6

 70ABC6

■ 5CA5C6

■ 84B1C6

■ 489FC6

■ 98B7C6

■ 3598C6

■ ABBEC6

■ 2192C6

■ BFC4C6

■ 0D8CC6

■ D3CAC6

■ 0088C6

■ E7D0C6

■ FBD7C6

■ FFDDC6

■ FFE3C6

Harmonies

Analogous

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



67AEB6



70ABC6



89A5CC

Triad

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



70ABC6



CB94A5



9DA87E

Complementary

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



70ABC6



C68B70

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.



B3A17A



70ABC6



CD9590

Square

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



70ABC6



BD98B9



C59A80



85AD8D

Rectangle

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



70ABC6



9CA0CA



C59A80



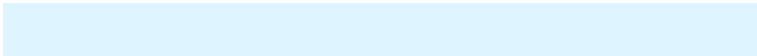
A5A67B

Sweetspot

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



70ABC6



DEF5FF



70C68A



6B7980



000000



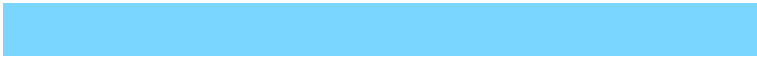
808080

Same Dimension

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



70ABC6



7AD5FF



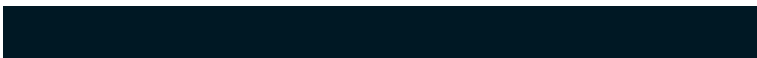
7081C6



5A6063



0070A3



001824

Inverse Universe

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



C670AB



FF7AD5



C6B570



635A60



A30070



240018

Previews

White Background



This preview shows how the Hex color 70ABC6 looks on a white background.

Color Contrast Check

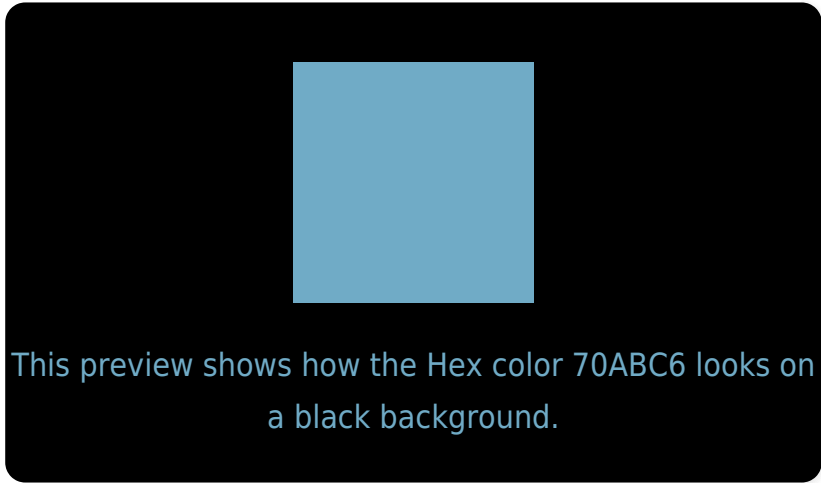
Large Text (above 18pt) WCAG AA × Fail

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

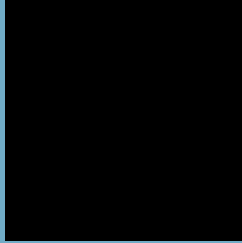
Any Text WCAG AA ✓ Pass

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 70ABC6 Background



This preview shows how black text looks on a background with the Hex color 70ABC6.



This preview shows how white text looks on a background with the Hex color 70ABC6.

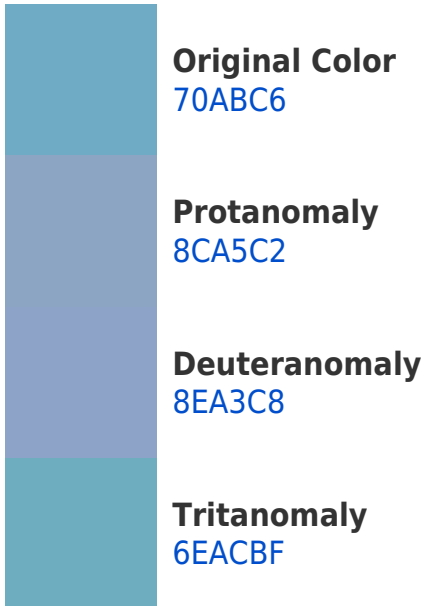
Color Blindness Simulation

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](#).

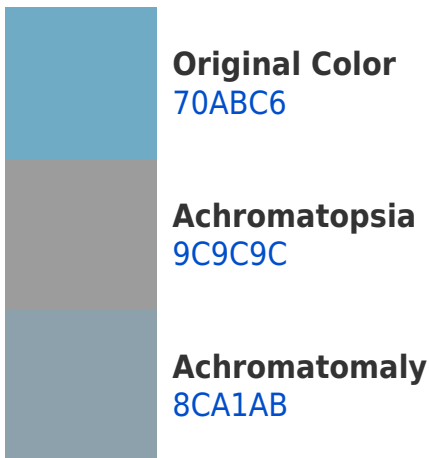
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70ABC6 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 #70ABC6 looks like.

```
.text, #text, p{  
    color:#70ABC6  
}
```

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 #70ABC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70ABC6  
}
```

Border

The CSS property to change the border of an element to Hex 70ABC6 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  
#70ABC6 }
```

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

```
.border{ border-color:#70ABC6 }
```

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

Here you see how a box with a 4 pixel #70ABC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70ABC6; -webkit-box-shadow:4px 4px  
4px 4px #70ABC6; box-shadow:4px 4px 4px  
4px #70ABC6 }
```

Background

The CSS property to change the background color of an element to Hex 70ABC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70ABC6 }
```

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

```
.background{ background-color:#70ABC6 }
```

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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