

# Converting Colors

Hex(70AC76)

Have a look what the booklet for  
Hex(70AC76) contains.

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# **Color**

**Hex(70AC76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70AC76
RGB	112, 172, 118
RGB Percent	44%, 67%, 46%
CMY	0.5608, 0.3255, 0.5373
CMYK	0.35, 0.00, 0.31, 0.33
HSL	126°, 27%, 56%
HSV	126°, 35%, 67%
XYZ	24.7046, 34.2578, 22.4499
YIQ	147.9040, -18.4260, -29.5140

# Conversions

## Conversions Part 2

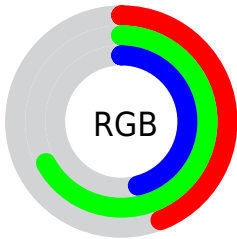
Format	Color
<a href="#">RYB</a>	<a href="#">112, 167, 172</a>
Decimal	<a href="#">7384182</a>
CIELab	<a href="#">65.17, -30.76, 21.79</a>
CIELCh	<a href="#">65, 37.698, 144.692</a>
Yxy	<a href="#">34.2578, 0.3035, 0.4208</a>
Android (android.graphics.Color)	<a href="#">4285574262 (0xFF70AC76)</a>
YUV	<a href="#">147.9040, -14.7427, -31.4878</a>
Hunter-Lab	<a href="#">58.5302, -27.0858, 18.2298</a>

# Details

The Hex color **70AC76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC70A6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A6E4AA**, and **3D7745** is the 20% darker color. If you saturate the color by 10%, you get **5FAC67**, and if you desaturate by 10%, it is **81AC85**.

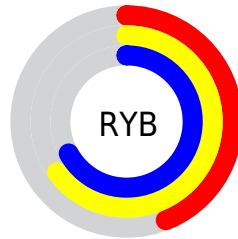
# Distribution



Red (44%)

Green (67%)

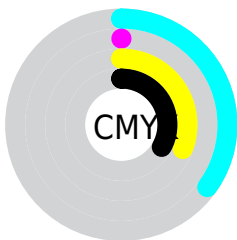
Blue (46%)



Red (44%)

Yellow (65%)

Blue (67%)

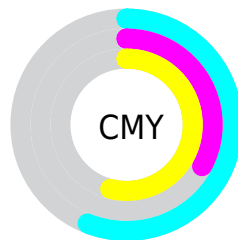


Cyan (35%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70AC76 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 70AC76 by changing the saturation by 10% instead.





70AC76



70AC76

FFFFFF



56915D



A6E4AA



3D7745



C1FFC6



235E2E



DEFFE2



034618



FBFFFF



002F00



001B00



000000



70AC76



70AC76



5FAC67



81AC85

 4EAC57

 92AC95

 3CAC48

 A4ACA4

 2BAC38

 B5ACB4

 1AAC29

 C6ACC3

 09AC19

 D7ACD3

 00AC11

 E8ACE2

 FAACF2

 FFACFF

# Harmonies

## Analogous

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



98A560



70AC76



40B097

# Triad

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



70AC76



60A3E1



DF8584

# Complementary

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



70AC76



AC70A6

# 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.



DB84A6



70AC76



9998DB

# Square

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



70AC76



12ACD4



C38CC6



D38E68

# Rectangle

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



70AC76



10B0AE



C38CC6



E0848F

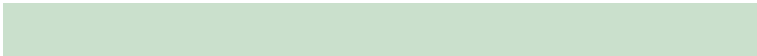


# Sweetspot

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



70AC76



CAE0CC



A6AC70



637064



F0F0F0



707070



# Same Dimension

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



70AC76



82E08C



70AC94



4E574F



00960F



001702



# Inverse Universe

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



AC70A6



E082D7



AC7088



574E56



960087



170015



# Previews

## White Background



This preview shows how the Hex color 70AC76 looks on a white background.

## Color Contrast Check

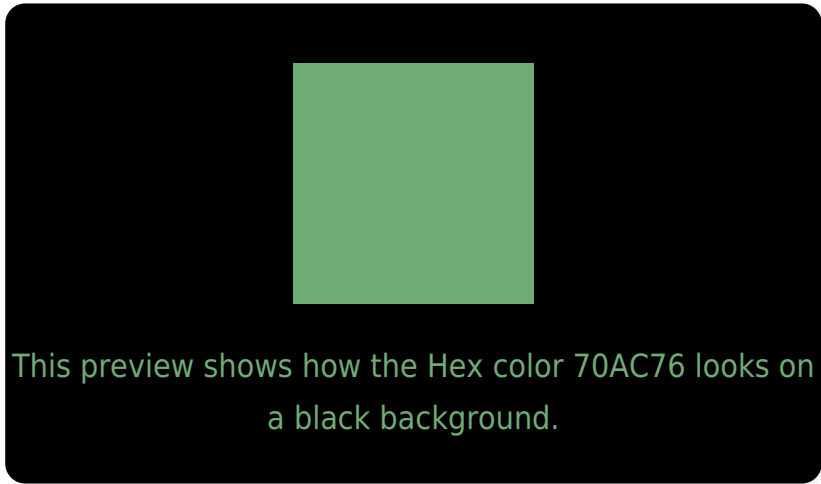
Large Text (above 18pt) WCAG AA × Fail

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

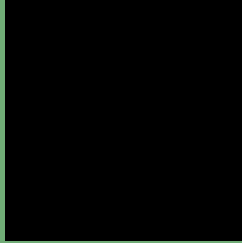
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70AC76 Background



This preview shows how black text looks on a background with the Hex color 70AC76.

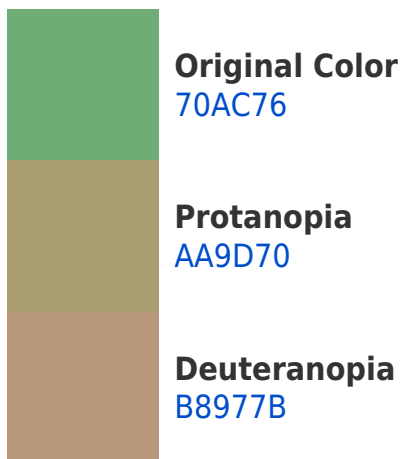


This preview shows how white text looks on a background with the Hex color 70AC76.

# 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**  
7CA4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70AC76 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 #70AC76 looks like.

```
.text, #text, p{  
    color:#70AC76  
}
```

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 #70AC76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AC76
}
```

## Border

The CSS property to change the border of an element to Hex 70AC76 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
#70AC76 }
```

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

```
.border{ border-color:#70AC76 }
```

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

Here you see how a box with a 4 pixel #70AC76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AC76; -webkit-box-shadow:4px 4px  
4px 4px #70AC76; box-shadow:4px 4px 4px  
4px #70AC76 }
```

# Background

The CSS property to change the background color of an element to Hex 70AC76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AC76 }
```

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

```
.background{ background-color:#70AC76 }
```

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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