

# Converting Colors

Hex(70A660)

Have a look what the booklet for  
Hex(70A660) contains.

<b>Hex(70A660)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(70A660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70A660
RGB	112, 166, 96
RGB Percent	44%, 65%, 38%
CMY	0.5608, 0.3490, 0.6235
CMYK	0.33, 0.00, 0.42, 0.35
HSL	106°, 28%, 51%
HSV	106°, 42%, 65%
XYZ	22.4296, 31.5617, 15.9762
YIQ	141.8740, -9.7140, -33.2180

# Conversions

## Conversions Part 2

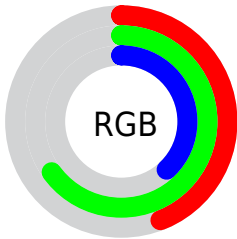
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 166, 150
Decimal	7382624
CIELab	62.98, -31.45, 30.68
CIELCh	63, 43.935, 135.703
Yxy	31.5617, 0.3206, 0.4511
Android (android.graphics.Color)	4285572704 (0xFF70A660)
YUV	141.8740, -22.6159, -26.1995
Hunter-Lab	56.1798, -27.0490, 22.4652

# Details

The Hex color **70A660** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9660A6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A6DD93**, and **3D7230** is the 20% darker color. If you saturate the color by 10%, you get **63A64F**, and if you desaturate by 10%, it is **7DA671**.

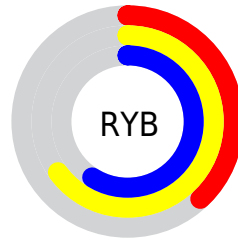
# Distribution



Red (44%)

Green (65%)

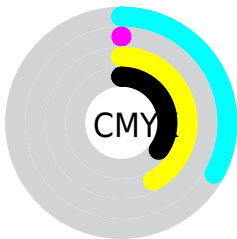
Blue (38%)



Red (38%)

Yellow (65%)

Blue (59%)

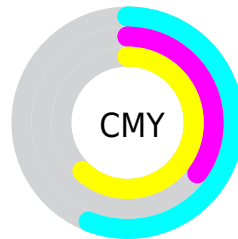


Cyan (33%)

Magenta (0%)

Yellow (42%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70A660 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 70A660 by changing the saturation by 10% instead.



 70A660

 70A660

FFFFFF

 568B48

 A6DD93

 3D7230

 C1FAAE

 235919

 DEFFCA

 044100

 FBFFE6

 002A00

 001200

 000000

 70A660

 70A660

 63A64F

 7DA671

■ 56A63F

■ 8AA681

■ 4AA62E

■ 96A692

■ 3DA61E

■ A3A6A2

■ 30A60D

■ B0A6B3

■ 26A600

■ BDA6C4

■ CAA6D4

■ D6A6E5

■ E3A6F5

# Harmonies

## Analogous

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



9C9D4B



70A660



32AB84

# Triad

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



70A660



18A2E4



E37985

# Complementary

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



70A660



9660A6

# 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.



D87AAD



70A660



7D95E3

# Square

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



70A660



00AACF



B686CF



D98262

# Rectangle

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



70A660



00AD9F



B686CF



E17892



# Sweetspot

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



70A660



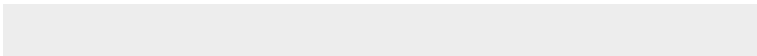
C3D9BD



A69660



606E5C



EDEDED



6E6E6E



# Same Dimension

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



70A660



83D96A



60A673



4E544C



229400



051400



# Inverse Universe

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



9660A6



BF6AD9



A66093



524C54



720094



100014



# Previews

## White Background



This preview shows how the Hex color 70A660 looks on a white background.

## Color Contrast Check

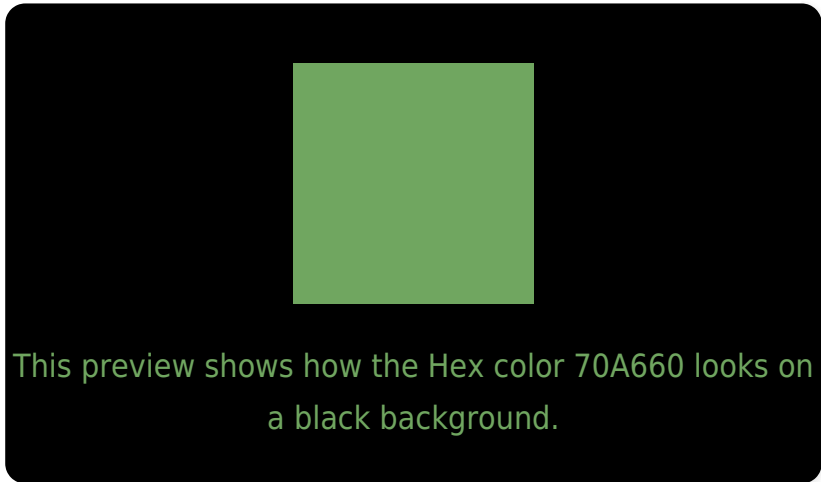
Large Text (above 18pt) WCAG AA × Fail

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

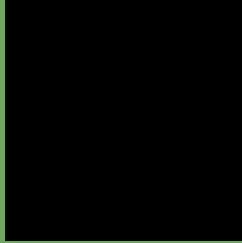
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70A660 Background



This preview shows how black text looks on a background with the Hex color 70A660.




This preview shows how white text looks on a background with the Hex color 70A660.

# 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](#).

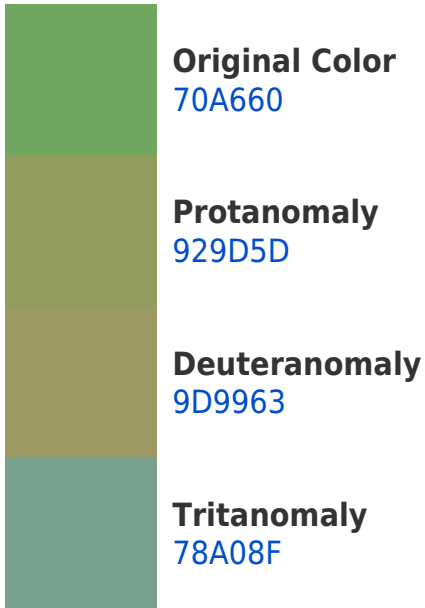
## Dichromacy





**Tritanopia**  
7D9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70A660 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 #70A660 looks like.

```
.text, #text, p{  
    color:#70A660  
}
```

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 #70A660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A660
}
```

## Border

The CSS property to change the border of an element to Hex 70A660 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
#70A660 }
```

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

```
.border{ border-color:#70A660 }
```

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

Here you see how a box with a 4 pixel #70A660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A660; -webkit-box-shadow:4px 4px  
4px 4px #70A660; box-shadow:4px 4px 4px  
4px #70A660 }
```

# Background

The CSS property to change the background color of an element to Hex 70A660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A660 }
```

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

```
.background{ background-color:#70A660 }
```

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