

# Converting Colors

Hex(70A56B)

Have a look what the booklet for  
Hex(70A56B) contains.

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**Color**

**Hex(70A56B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70A56B
RGB	112, 165, 107
RGB Percent	44%, 65%, 42%
CMY	0.5608, 0.3529, 0.5804
CMYK	0.32, 0.00, 0.35, 0.35
HSL	115°, 24%, 53%
HSV	115°, 35%, 65%
XYZ	22.7911, 31.4165, 18.7727
YIQ	142.5410, -12.9700, -29.2740

# Conversions

## Conversions Part 2

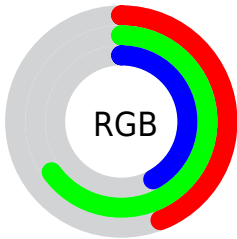
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 165, 160</a>
Decimal	<a href="#">7382379</a>
CIELab	<a href="#">62.86, -29.27, 24.65</a>
CIELCh	<a href="#">63, 38.267, 139.903</a>
Yxy	<a href="#">31.4165, 0.3123, 0.4305</a>
Android (android.graphics.Color)	<a href="#">4285572459</a> (0xFF70A56B)
YUV	<a href="#">142.5410, -17.5217, -26.7845</a>
Hunter-Lab	<a href="#">56.0505, -25.5072, 19.3776</a>

# Details

The Hex color **70A56B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06BA5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A5DC9F**, and **3D713B** is the 20% darker color. If you saturate the color by 10%, you get **61A55A**, and if you desaturate by 10%, it is **7FA57B**.

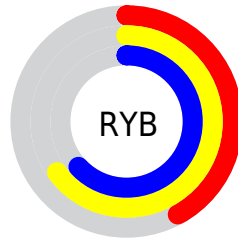
# Distribution



Red (44%)

Green (65%)

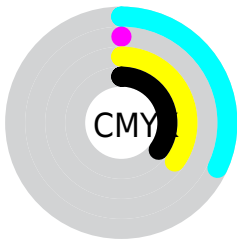
Blue (42%)



Red (42%)

Yellow (65%)

Blue (63%)

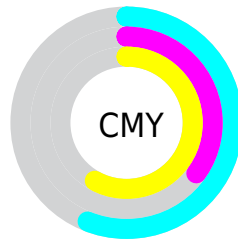


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70A56B 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 70A56B by changing the saturation by 10% instead.





70A56B



70A56B

FFFFFF



568A52



A5DC9F



3D713B



C1F9BA



245824



DDFFD6



07400E



FAFFF2



002A00



001200



000000



70A56B



70A56B



61A55A



7FA57B

 52A54A

 8EA58C

 43A539

 9DA59C

 34A529

 ACA5AD

 25A518

 BBA5BD

 16A508

 CAA5CE

 0EA500

 DAA5DE

 E9A5EF

 F8A5FF

# Harmonies

## Analogous

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



979D57



70A56B



40A98B

# Triad

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



70A56B



4D9FDA



DA7E83

# Complementary

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



70A56B



A06BA5

# 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.



D27EA5



70A56B



8A94D8

# Square

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



70A56B



00A7CB



B787C4



D08665

# Rectangle

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



70A56B



02AAA3



B787C4



D97D8E



# Sweetspot

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



70A56B



C1D6BF



A59F6B



5E6B5D



EBEBEB



6B6B6B



# Same Dimension

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



70A56B



84D67C



6BA582



4A5249



0D9100



021200



# Inverse Universe

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



A06BA5



CE7CD6



A56B8E



514952



850091



100012



# Previews

## White Background



This preview shows how the Hex color 70A56B looks on a white background.

## Color Contrast Check

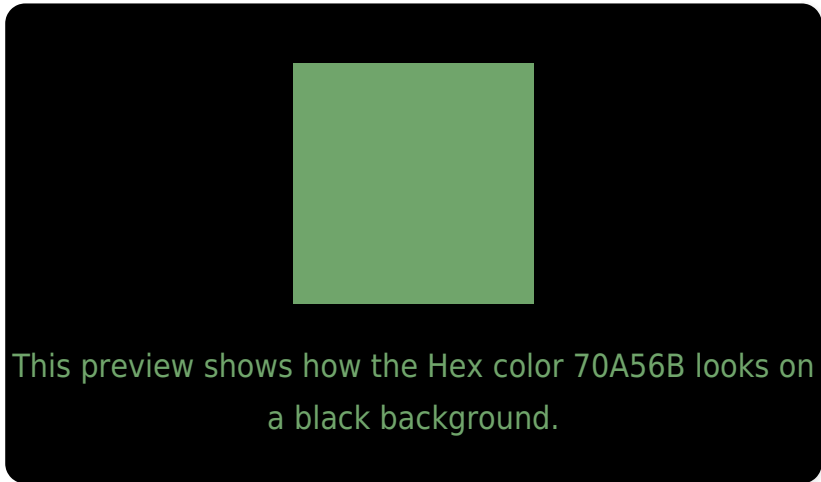
Large Text (above 18pt) WCAG AA × Fail

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

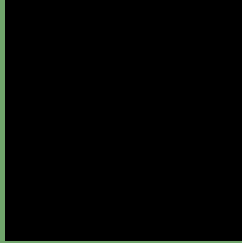
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70A56B Background



This preview shows how black text looks on a background with the Hex color 70A56B.



This preview shows how white text looks on a background with the Hex color 70A56B.

# 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](#).

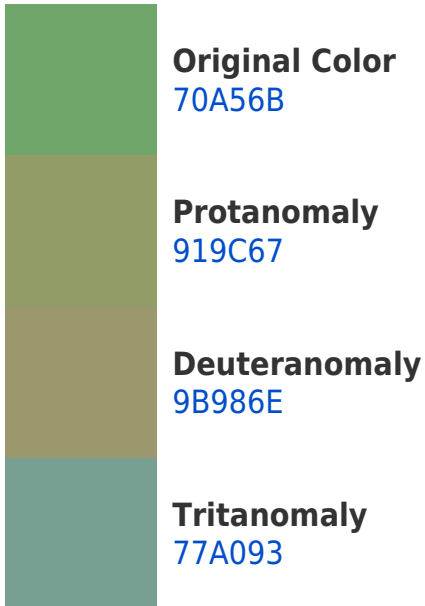
## Dichromacy



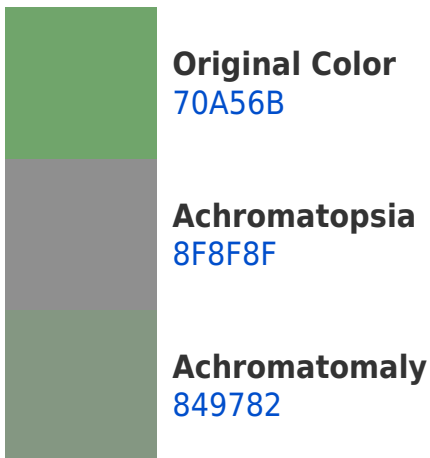


**Tritanopia**  
7B9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70A56B 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 #70A56B looks like.

```
.text, #text, p{  
    color:#70A56B  
}
```

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 #70A56B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A56B
}
```

## Border

The CSS property to change the border of an element to Hex 70A56B 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
#70A56B }
```

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

```
.border{ border-color:#70A56B }
```

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

Here you see how a box with a 4 pixel #70A56B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A56B; -webkit-box-shadow:4px 4px  
4px 4px #70A56B; box-shadow:4px 4px 4px  
4px #70A56B }
```

# Background

The CSS property to change the background color of an element to Hex 70A56B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A56B }
```

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

```
.background{ background-color:#70A56B }
```

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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