

# Converting Colors

Hex(70A36F)

Have a look what the booklet for  
Hex(70A36F) contains.

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# Color

Hex(70A36F)

# Conversions

## Conversions Part 1

Format	Color
Hex	70A36F
RGB	112, 163, 111
RGB Percent	44%, 64%, 44%
CMY	0.5608, 0.3608, 0.5647
CMYK	0.31, 0.00, 0.32, 0.36
HSL	119°, 22%, 54%
HSV	119°, 32%, 64%
XYZ	22.6485, 30.7868, 19.7877
YIQ	141.8230, -13.7040, -26.9840

# Conversions

## Conversions Part 2

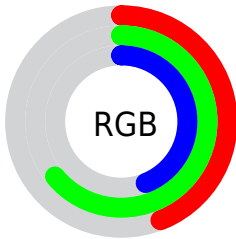
Format	Color
<a href="#">RYB</a>	<a href="#">111, 163, 162</a>
Decimal	<a href="#">7381871</a>
CIELab	<a href="#">62.33, -27.64, 21.76</a>
CIELCh	<a href="#">62, 35.175, 141.781</a>
Yxy	<a href="#">30.7868, 0.3093, 0.4205</a>
Android (android.graphics.Color)	<a href="#">4285571951 (0xFF70A36F)</a>
YUV	<a href="#">141.8230, -15.1957, -26.1548</a>
Hunter-Lab	<a href="#">55.4859, -24.2392, 17.6958</a>

# Details

The Hex color **70A36F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26FA3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A5DAA3**, and **3E6F3F** is the 20% darker color. If you saturate the color by 10%, you get **60A35F**, and if you desaturate by 10%, it is **80A37F**.

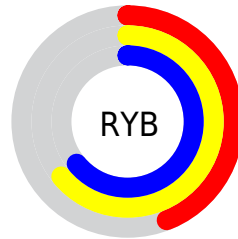
# Distribution



Red (44%)

Green (64%)

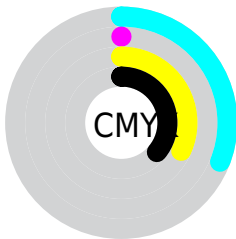
Blue (44%)



Red (44%)

Yellow (64%)

Blue (64%)

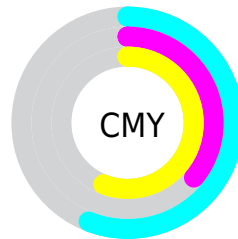


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70A36F 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 70A36F by changing the saturation by 10% instead.



 70A36F

 70A36F

FFFFFF

 568956

 A5DAA3

 3E6F3F

 C1F7BE

 255628

 DDFFDA

 093F12

 FAFFF7

 002800

 000F00

 000000

 70A36F

 70A36F

 60A35F

 80A37F

 50A34E

 90A390

 40A33E

 A0A3A0

 30A32E

 B0A3B0

 20A31E

 C0A3C1

 10A30D

 D0A3D1

 03A300

 E0A3E1

 F0A3F1

 FFA3FF

# Harmonies

## Analogous

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



949C5C



70A36F



46A78D

# Triad

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



70A36F



599CD4



D37F81

# Complementary

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



70A36F



A26FA3

# 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.



CD7FA1



70A36F



8E92D0

# Square

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



70A36F



1BA4C7



B686BE



C98767

# Rectangle

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



70A36F



25A7A2



B686BE



D37E8B



# Sweetspot

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



70A36F



BFD4BE



A3A16F



5E6B5E



EBEBEB



6B6B6B



# Same Dimension

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



70A36F



85D483



6FA387



4A5249



039100



001200



# Inverse Universe

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



A26FA3



D283D4



A36F8B



514952



8F0091



120012



# Previews

## White Background



This preview shows how the Hex color 70A36F looks on a white background.

## Color Contrast Check

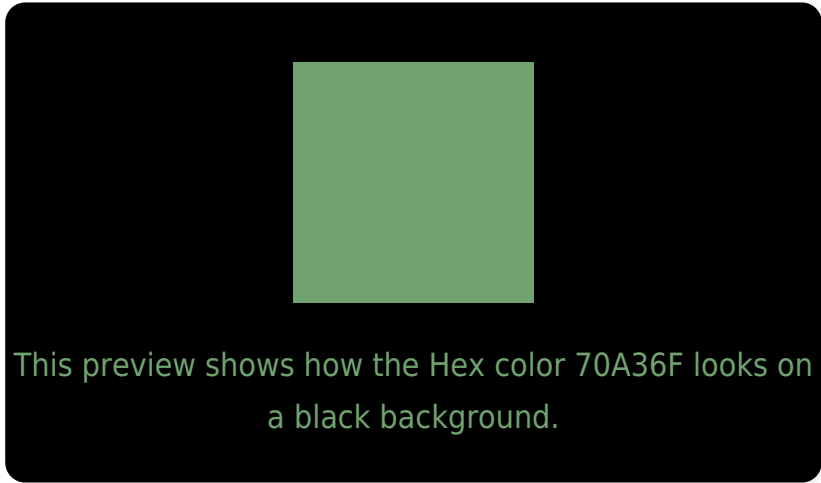
Large Text (above 18pt) WCAG AA × Fail

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

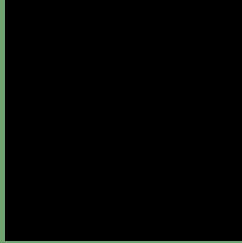
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70A36F Background



This preview shows how black text looks on a background with the Hex color 70A36F.



This preview shows how white text looks on a background with the Hex color 70A36F.

# 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](#).

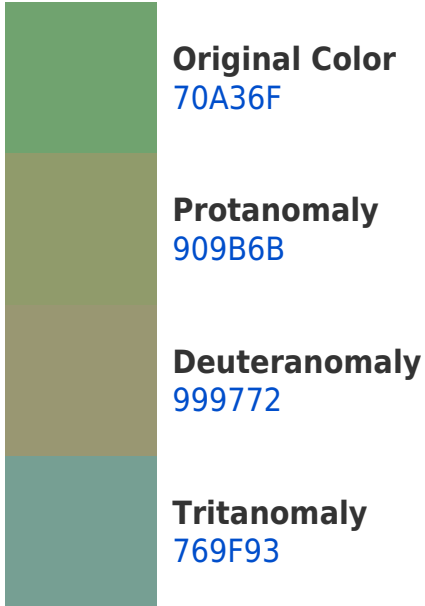
## Dichromacy



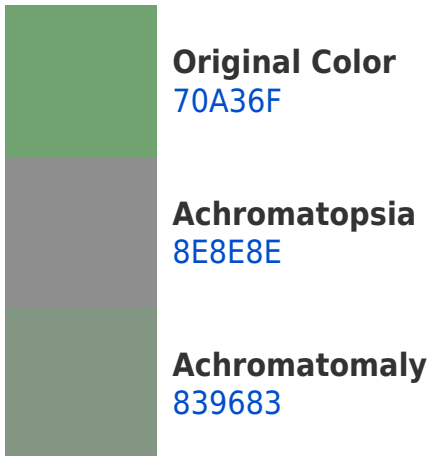


**Tritanopia**  
7A9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70A36F 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 #70A36F looks like.

```
.text, #text, p{  
    color:#70A36F  
}
```

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 #70A36F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A36F
}
```

## Border

The CSS property to change the border of an element to Hex 70A36F 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
#70A36F }
```

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

```
.border{ border-color:#70A36F }
```

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

Here you see how a box with a 4 pixel #70A36F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A36F; -webkit-box-shadow:4px 4px  
4px 4px #70A36F; box-shadow:4px 4px 4px  
4px #70A36F }
```

# Background

The CSS property to change the background color of an element to Hex 70A36F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A36F }
```

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

```
.background{ background-color:#70A36F }
```

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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