

Converting Colors

Hex(70A13D)

Have a look what the booklet for
Hex(70A13D) contains.

Hex(70A13D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70A13D)

Conversions

Conversions Part 1

Format	Color
Hex	70A13D
RGB	112, 161, 61
RGB Percent	44%, 63%, 24%
CMY	0.5608, 0.3686, 0.7608
CMYK	0.30, 0.00, 0.62, 0.37
HSL	89°, 45%, 44%
HSV	89°, 62%, 63%
XYZ	20.2693, 29.2714, 8.9965
YIQ	134.9490, 2.8960, -41.4880

Conversions

Conversions Part 2

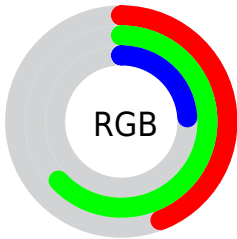
Format	Color
RYB	61, 161, 110
Decimal	7381309
CIELab	61.02, -33.26, 45.68
CIElCh	61, 56.509, 126.057
Yxy	29.2714, 0.3463, 0.5000
Android (android.graphics.Color)	4285571389 (0xFF70A13D)
YUV	134.9490, -36.4569, -20.1263
Hunter-Lab	54.1031, -27.8068, 28.0131

Details

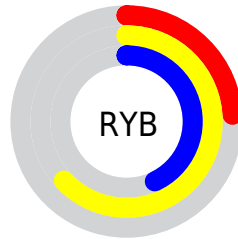
The Hex color **70A13D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E3DA1**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A7D870**, and **3B6D03** is the 20% darker color. If you saturate the color by 10%, you get **68A12D**, and if you desaturate by 10%, it is **78A14D**.

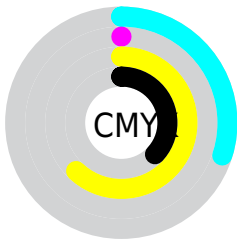
Distribution



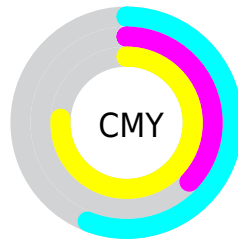
- Red (44%)
- Green (63%)
- Blue (24%)



- Red (24%)
- Yellow (63%)
- Blue (43%)



- Cyan (30%)
- Magenta (0%)
- Yellow (62%)
- Black (37%)



- Cyan (56%)
- Magenta (37%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A13D 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 70A13D by changing the saturation by 10% instead.



70A13D



70A13D

FFFFFF



568723



A7D870



3B6D03



C3F58B



205400



DFFFA6



003D00



FDFFC2



002700



FFFFDE



000700



FFFFFB



000000



70A13D



70A13D



68A12D



78A14D

 60A11D

 80A15D

 58A10D

 88A16D

 52A100

 90A17D

 97A18E

 9FA19E

 A7A1AE

 AFA1BE

 B7A1CE

Harmonies

Analogous

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



A49426



70A13D



0AA969

Triad

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



70A13D



00A3EE



EE658B

Complementary

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



70A13D



6E3DA1

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.



D86EBD



70A13D



3B96F7

Square

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



70A13D



00AACD



A382E4



E86F5B

Rectangle

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



70A13D



00AB8B



A382E4



EA669C

Sweetspot

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



70A13D



BED1A9



A16D3D



5D6951



E8E8E8



696969

Same Dimension

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



70A13D



84D134



3FA13D



4E5249



4A9100



091200

Inverse Universe

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



6E3DA1



8134D1



9F3DA1



4D4952



470091



090012

Previews

White Background



This preview shows how the Hex color 70A13D looks on a white background.

Color Contrast Check

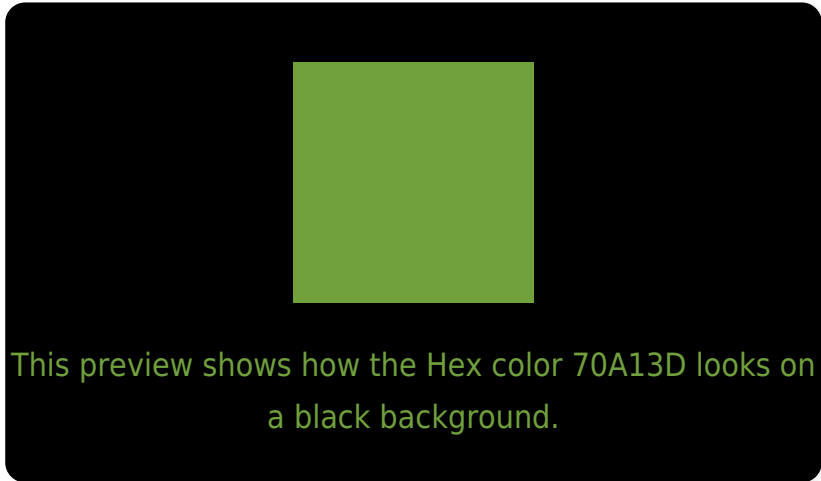
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 70A13D Background



This preview shows how black text looks on a background with the Hex color 70A13D.



This preview shows how white text looks on a background with the Hex color 70A13D.

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



Original Color
70A13D

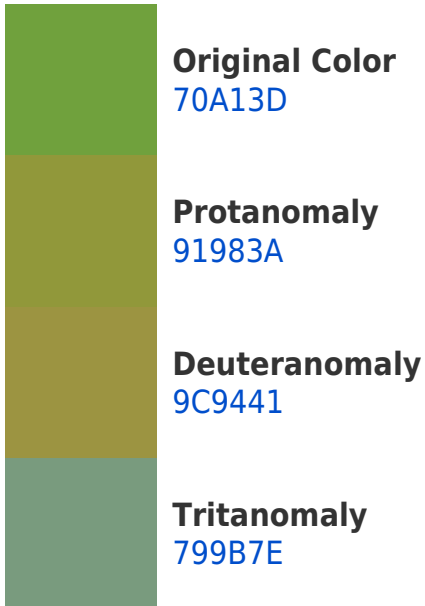
Protanopia
A49339

Deuteranopia
B58C43

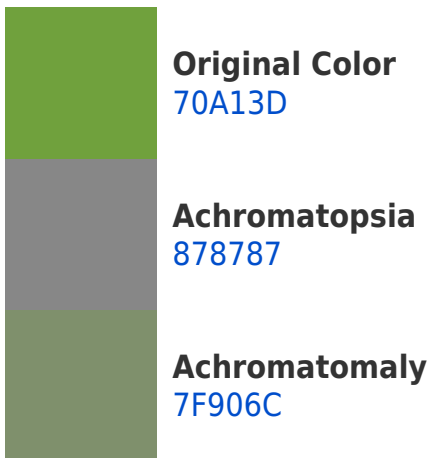


Tritanopia
7E97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A13D 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 #70A13D looks like.

```
.text, #text, p{  
    color:#70A13D  
}
```

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 #70A13D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A13D
}
```

Border

The CSS property to change the border of an element to Hex 70A13D 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
#70A13D }
```

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

```
.border{ border-color:#70A13D }
```

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

Here you see how a box with a 4 pixel #70A13D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A13D; -webkit-box-shadow:4px 4px  
4px 4px #70A13D; box-shadow:4px 4px 4px  
4px #70A13D }
```

Background

The CSS property to change the background color of an element to Hex 70A13D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A13D }
```

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

```
.background{ background-color:#70A13D }
```

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