

Converting Colors

Hex(70AA23)

Have a look what the booklet for
Hex(70AA23) contains.

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Color

Hex(70AA23)

Conversions

Conversions Part 1

Format	Color
Hex	70AA23
RGB	112, 170, 35
RGB Percent	44%, 67%, 14%
CMY	0.5608, 0.3333, 0.8627
CMYK	0.34, 0.00, 0.79, 0.33
HSL	86°, 66%, 40%
HSV	86°, 79%, 67%
XYZ	21.3602, 32.3155, 6.7018
YIQ	137.2680, 8.7670, -54.2810

Conversions

Conversions Part 2

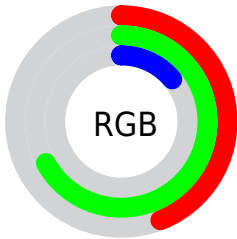
Format	Color
RYB	35, 170, 93
Decimal	7383587
CIELab	63.60, -39.13, 58.28
CIElCh	64, 70.195, 123.875
Yxy	32.3155, 0.3538, 0.5352
Android (android.graphics.Color)	4285573667 (0xFF70AA23)
YUV	137.2680, -50.4181, -22.1600
Hunter-Lab	56.8468, -32.4104, 32.8029

Details

The Hex color **70AA23** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5D23AA**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A8E25C**, and **387500** is the 20% darker color. If you saturate the color by 10%, you get **69AA12**, and if you desaturate by 10%, it is **77AA34**.

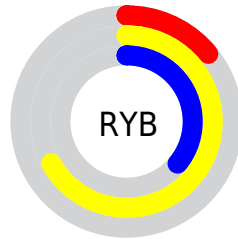
Distribution



Red (44%)

Green (67%)

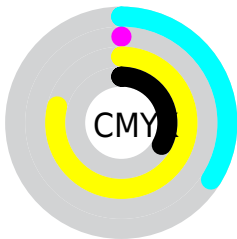
Blue (14%)



Red (14%)

Yellow (67%)

Blue (36%)

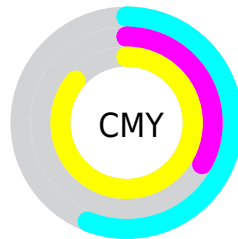


Cyan (34%)

Magenta (0%)

Yellow (79%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AA23 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 70AA23 by changing the saturation by 10% instead.



70AA23



70AA23

FFFFFF



548F00



A8E25C



387500



C5FE77



1B5C00



E2FF92



004400



FFFFAE



002D00



FFFPCA



001500



FFFPE7



000000



70AA23



70AA23



69AA12



77AA34

■ 61AA01

■ 7FAA45

■ 61AA00

■ 86AA56

■ 8DAA67

■ 95AA78

■ 9CAA89

■ A3AA9A

■ AAAAAB

■ B2AABC

Harmonies

Analogous

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



B19A00



70AA23



00B360

Triad

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



70AA23



00AFFF



FF5995

Complementary

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



70AA23



5D23AA

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.



EB68D2



70AA23



009FFF

Square

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



70AA23



00B6DE



A486FF



FF6758

Rectangle

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



70AA23



00B68B



A486FF



FF5BAA

Sweetspot

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



70AA23



C7DEA9



AA5B23



627050



F0F0F0



707070

Same Dimension

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



70AA23



83DE0B



2EAA23



51544C



549400



0C1400

Inverse Universe

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



5D23AA



660BDE



9F23AA



4F4C54



400094



090014

Previews

White Background



This preview shows how the Hex color 70AA23 looks on a white background.

Color Contrast Check

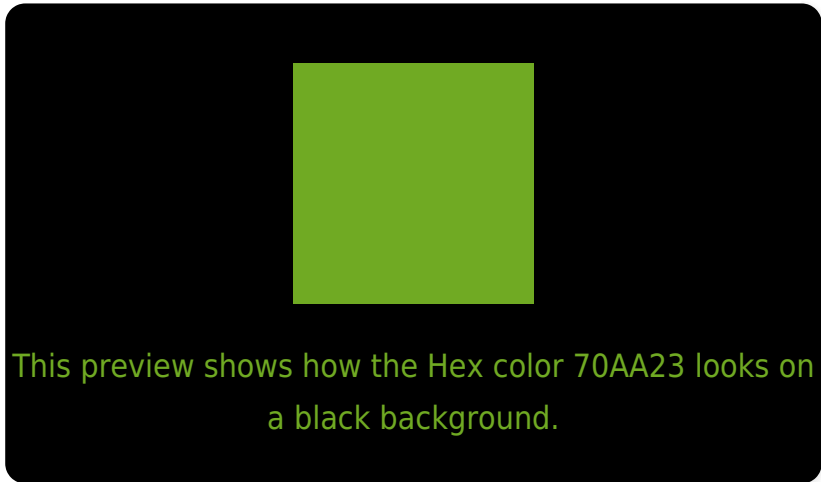
Large Text (above 18pt) WCAG AA × Fail

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 70AA23 Background



This preview shows how black text looks on a background with the Hex color 70AA23.

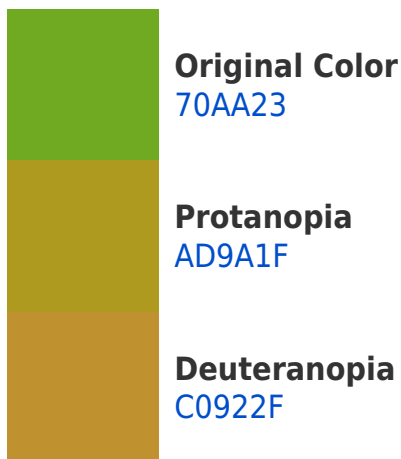


This preview shows how white text looks on a background with the Hex color 70AA23.

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
819EAB

Trichromacy



Original Color
70AA23

Protanomaly
97A020

Deuteranomaly
A39B2B

Tritanomaly
7BA27A

Monochromacy



Original Color
70AA23

Achromatopsia
898989

Achromatomaly
809564

CSS Examples

Text

The CSS property to change the color of the text to Hex 70AA23 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 #70AA23 looks like.

```
.text, #text, p{  
    color:#70AA23  
}
```

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 #70AA23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AA23
}
```

Border

The CSS property to change the border of an element to Hex 70AA23 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
#70AA23 }
```

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

```
.border{ border-color:#70AA23 }
```

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

Here you see how a box with a 4 pixel #70AA23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AA23; -webkit-box-shadow:4px 4px  
4px 4px #70AA23; box-shadow:4px 4px 4px  
4px #70AA23 }
```

Background

The CSS property to change the background color of an element to Hex 70AA23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AA23 }
```

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

```
.background{ background-color:#70AA23 }
```

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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