

Converting Colors

Hex(70A620)

Have a look what the booklet for
Hex(70A620) contains.

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Color

Hex(70A620)

Conversions

Conversions Part 1

Format	Color
Hex	70A620
RGB	112, 166, 32
RGB Percent	44%, 65%, 13%
CMY	0.5608, 0.3490, 0.8745
CMYK	0.33, 0.00, 0.81, 0.35
HSL	84°, 68%, 39%
HSV	84°, 81%, 65%
XYZ	20.5790, 30.8215, 6.2310
YIQ	134.5780, 10.8300, -53.1220

Conversions

Conversions Part 2

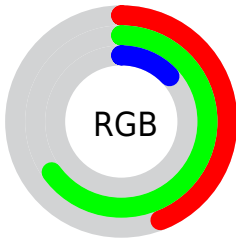
Format	Color
RYB	32, 166, 86
Decimal	7382560
CIELab	62.36, -37.51, 58.03
CIElCh	62, 69.092, 122.878
Yxy	30.8215, 0.3571, 0.5348
Android (android.graphics.Color)	4285572640 (0xFF70A620)
YUV	134.5780, -50.5710, -19.8009
Hunter-Lab	55.5171, -30.9887, 32.2075

Details

The Hex color **70A620** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5620A6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A8DD59**, and **397200** is the 20% darker color. If you saturate the color by 10%, you get **69A60F**, and if you desaturate by 10%, it is **77A631**.

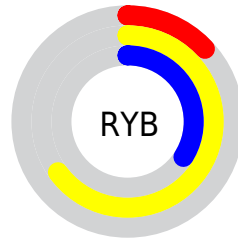
Distribution



Red (44%)

Green (65%)

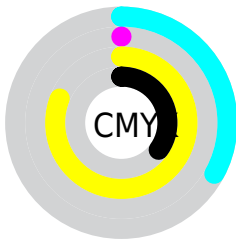
Blue (13%)



Red (13%)

Yellow (65%)

Blue (34%)

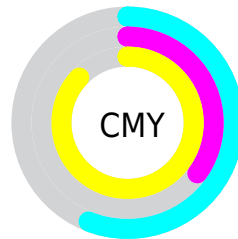


Cyan (33%)

Magenta (0%)

Yellow (81%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A620 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 70A620 by changing the saturation by 10% instead.

 70A620

 70A620

FFFFFF

 558B00

 A8DD59

 397200

 C4FA74

 1C5900

 E2FF8F

 004100

 FFFFAB

 002B00

 FFFFC7

 000F00

 FFFFE4

 000000

 70A620

 70A620

 69A60F

 77A631

■ 63A600

■ 7DA641

■ 84A652

■ 8BA662

■ 91A673

■ 98A684

■ 9FA694

■ A6A6A5

■ ACA6B5

Harmonies

Analogous

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



AF9600



70A620



00AF5C

Triad

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



70A620



00ABFF



FF5793

Complementary

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



70A620



5620A6

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.



E567D0



70A620



009CFF

Square

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



70A620



00B2D8



9D84FF



FE6458

Rectangle

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



70A620



00B286



9D84FF



FC59A8

Sweetspot

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



70A620



C4D9A5



A65620



616E4E



EDEDED



6E6E6E

Same Dimension

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



70A620



84D907



2DA620



51544C



589400



0C1400

Inverse Universe

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



5620A6



5B07D9



9920A6



4F4C54



3C0094



080014

Previews

White Background



This preview shows how the Hex color 70A620 looks on a white background.

Color Contrast Check

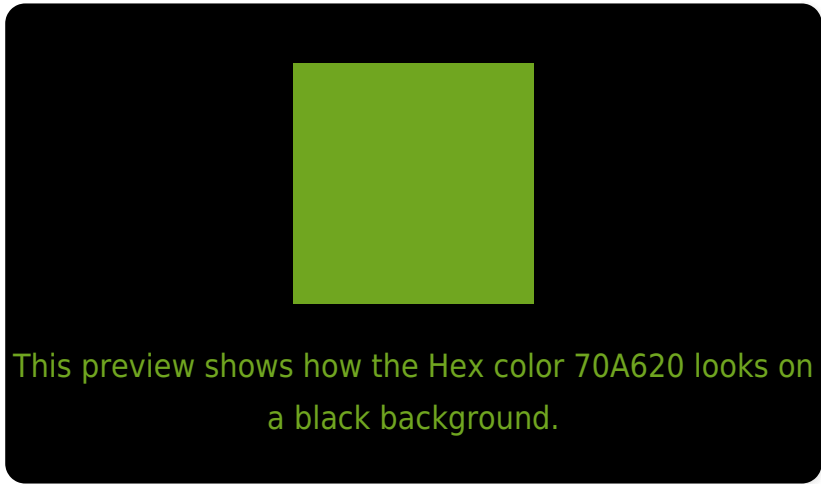
Large Text (above 18pt) WCAG AA × Fail

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 70A620 Background



This preview shows how black text looks on a background with the Hex color 70A620.

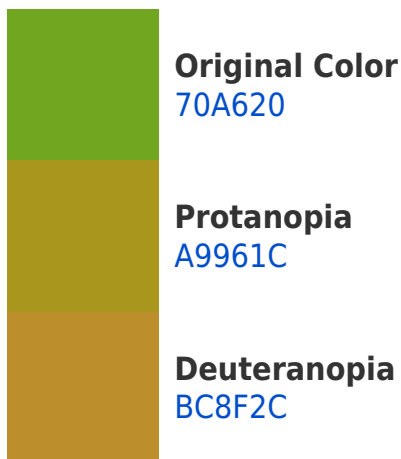


This preview shows how white text looks on a background with the Hex color 70A620.

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](#).

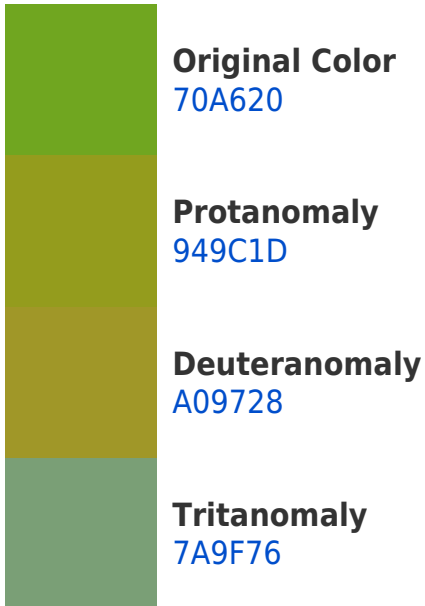
Dichromacy



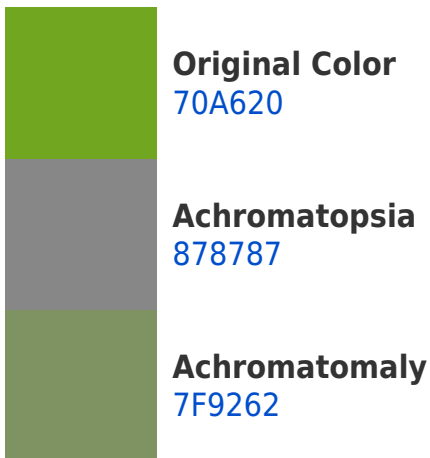


Tritanopia
809BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A620 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 #70A620 looks like.

```
.text, #text, p{  
    color:#70A620  
}
```

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 #70A620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A620
}
```

Border

The CSS property to change the border of an element to Hex 70A620 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
#70A620 }
```

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

```
.border{ border-color:#70A620 }
```

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

Here you see how a box with a 4 pixel #70A620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A620; -webkit-box-shadow:4px 4px  
4px 4px #70A620; box-shadow:4px 4px 4px  
4px #70A620 }
```

Background

The CSS property to change the background color of an element to Hex 70A620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A620 }
```

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

```
.background{ background-color:#70A620 }
```

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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