

Converting Colors

Hex(70A916)

Have a look what the booklet for
Hex(70A916) contains.

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Color

Hex(70A916)

Conversions

Conversions Part 1

Format	Color
Hex	70A916
RGB	112, 169, 22
RGB Percent	44%, 66%, 9%
CMY	0.5608, 0.3373, 0.9137
CMYK	0.34, 0.00, 0.87, 0.34
HSL	83°, 77%, 37%
HSV	83°, 87%, 66%
XYZ	21.0149, 31.8786, 5.8046
YIQ	135.1990, 13.2150, -57.8010

Conversions

Conversions Part 2

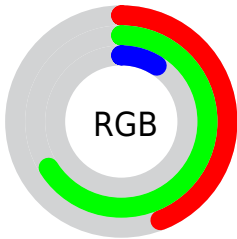
Format	Color
RYB	22, 169, 79
Decimal	7383318
CIELab	63.24, -39.22, 61.35
CIELCh	63, 72.817, 122.589
Yxy	31.8786, 0.3580, 0.5431
Android (android.graphics.Color)	4285573398 (0xFF70A916)
YUV	135.1990, -55.8071, -20.3455
Hunter-Lab	56.4611, -32.3692, 33.4273

Details

The Hex color **70A916** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4F16A9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A8E153**, and **387400** is the 20% darker color. If you saturate the color by 10%, you get **69A905**, and if you desaturate by 10%, it is **77A927**.

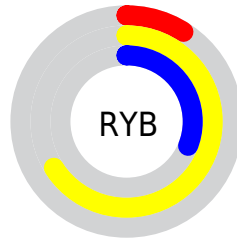
Distribution



Red (44%)

Green (66%)

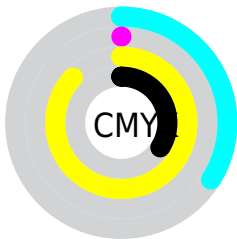
Blue (9%)



Red (9%)

Yellow (66%)

Blue (31%)

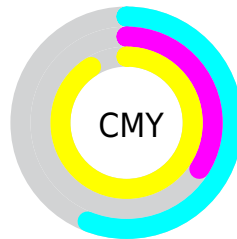


Cyan (34%)

Magenta (0%)

Yellow (87%)

Black (34%)



Cyan (56%)

Magenta (34%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A916 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 70A916 by changing the saturation by 10% instead.

 70A916

 70A916

FFFFFF

 548E00

 A8E153

 387400

 C5FD6F

 1A5B00

 E2FF8A

 004300

 FFFFA6

 002D00

 FFFFC3

 001300

 FFFFDF

 000000

 FFFFFD

 70A916

 70A916

■ 69A905

■ 77A927

■ 67A900

■ 7DA938

■ 84A949

■ 8AA95A

■ 91A96A

■ 97A97B

■ 9EA98C

■ A4A99D

■ ABA9AE

Harmonies

Analogous

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



B29800



70A916



00B25A

Triad

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



70A916



00AFFF



FF5396

Complementary

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



70A916



4F16A9

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.



EB66D6



70A916



009FFF

Square

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



70A916



00B6DD



9E85FF



FF6257

Rectangle

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



70A916



00B686



9E85FF



FF56AC

Sweetspot

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



70A916



C5DBA2



A94E16



606E4C



EDEDED



6E6E6E

Same Dimension

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



70A916



86DB00



27A916



51544C



5B9400



0C1400

Inverse Universe

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



4F16A9



5500DB



9816A9



4F4C54



390094



080014

Previews

White Background



This preview shows how the Hex color 70A916 looks on a white background.

Color Contrast Check

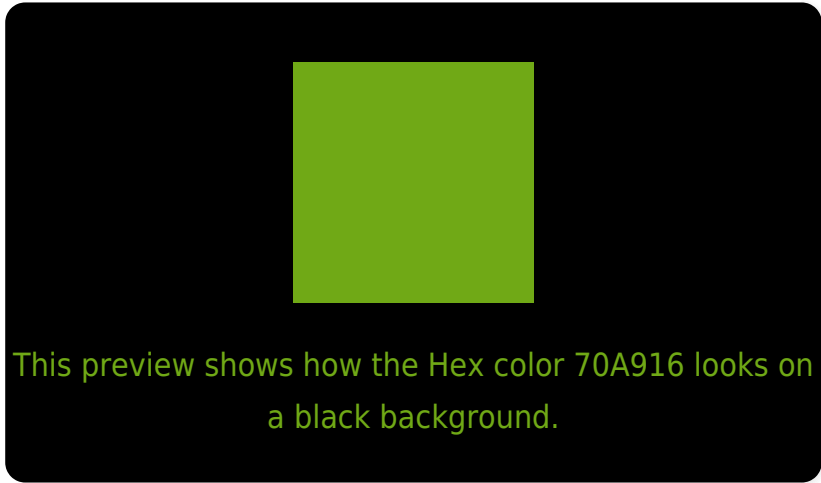
Large Text (above 18pt) WCAG AA × Fail

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 70A916 Background



This preview shows how black text looks on a background with the Hex color 70A916.



This preview shows how white text looks on a background with the Hex color 70A916.

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
70A916

Protanopia
AC9911

Deuteranopia
C09126



Tritanopia
819DAA

Trichromacy



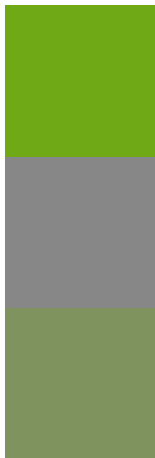
Original Color
70A916

Protanomaly
969F13

Deuteranomaly
A39A20

Tritanomaly
7BA174

Monochromacy



Original Color
70A916

Achromatopsia
878787

Achromatomaly
7F935E

CSS Examples

Text

The CSS property to change the color of the text to Hex 70A916 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 #70A916 looks like.

```
.text, #text, p{  
    color:#70A916  
}
```

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 #70A916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A916
}
```

Border

The CSS property to change the border of an element to Hex 70A916 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
#70A916 }
```

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

```
.border{ border-color:#70A916 }
```

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

Here you see how a box with a 4 pixel #70A916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A916; -webkit-box-shadow:4px 4px  
4px 4px #70A916; box-shadow:4px 4px 4px  
4px #70A916 }
```

Background

The CSS property to change the background color of an element to Hex 70A916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A916 }
```

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

```
.background{ background-color:#70A916 }
```

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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