

Converting Colors

Hex(67A919)

Have a look what the booklet for
Hex(67A919) contains.

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Color

Hex(67A919)

Conversions

Conversions Part 1

Format	Color
Hex	67A919
RGB	103, 169, 25
RGB Percent	40%, 66%, 10%
CMY	0.5961, 0.3373, 0.9020
CMYK	0.39, 0.00, 0.85, 0.34
HSL	88°, 74%, 38%
HSV	88°, 85%, 66%
XYZ	19.9570, 31.3297, 5.9151
YIQ	132.8500, 6.8880, -58.7760

Conversions

Conversions Part 2

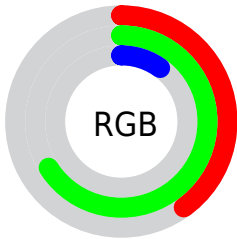
Format	Color
RYB	25, 169, 91
Decimal	6793497
CIELab	62.78, -42.41, 60.09
CIELCh	63, 73.548, 125.213
Yxy	31.3297, 0.3489, 0.5477
Android (android.graphics.Color)	4284983577 (0xFF67A919)
YUV	132.8500, -53.1700, -26.1784
Hunter-Lab	55.9729, -34.3091, 32.9154

Details

The Hex color **67A919** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5B19A9**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9FE155**, and **2D7400** is the 20% darker color. If you saturate the color by 10%, you get **5FA908**, and if you desaturate by 10%, it is **6FA92A**.

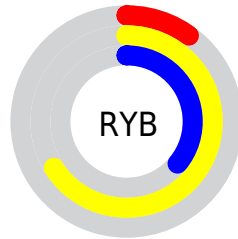
Distribution



Red (40%)

Green (66%)

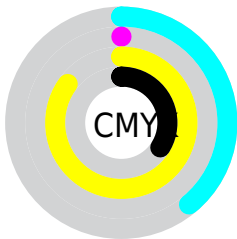
Blue (10%)



Red (10%)

Yellow (66%)

Blue (36%)

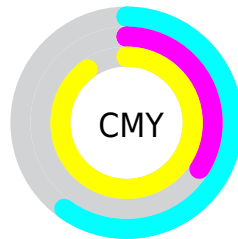


Cyan (39%)

Magenta (0%)

Yellow (85%)

Black (34%)



Cyan (60%)

Magenta (34%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A919 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 67A919 by changing the saturation by 10% instead.

 67A919

 67A919

FFFFFF

 4B8E00

 9FE155

 2D7400

 BCFE70

 075B00

 D9FF8C

 004300

 F7FFA8

 002C00

 FFFFC4

 001100

 FFFFE1

 000000

FFFFFFE

 67A919

 67A919

■ 5FA908

■ 6FA92A

■ 5CA900

■ 76A93B

■ 7EA94C

■ 86A95D

■ 8EA96D

■ 95A97E

■ 9DA98F

■ A5A9A0

■ ADA9B1

Harmonies

Analogous

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



AC9900



67A919



00B25E

Triad

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



67A919



00ADFF



FF518F

Complementary

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



67A919



5B19A9

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.



EE61D0



67A919



009CFF

Square

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



67A919



00B4E2



A681FF



FF6250

Rectangle

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



67A919



00B58B



A681FF



FF52A5

Sweetspot

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



67A919



C1DBA2



A95A19



5E6E4C



EDEDED



6E6E6E

Same Dimension

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



67A919



77DB00



20A919



50544C



509400



0B1400

Inverse Universe

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



5B19A9



6500DB



A219A9



504C54



440094



090014

Previews

White Background



This preview shows how the Hex color 67A919 looks on a white background.

Color Contrast Check

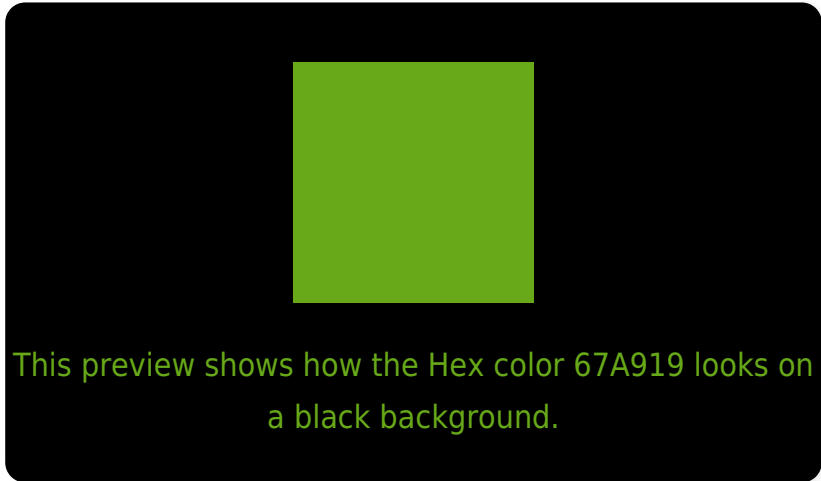
Large Text (above 18pt) WCAG AA × Fail

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 67A919 Background



This preview shows how black text looks on a background with the Hex color 67A919.

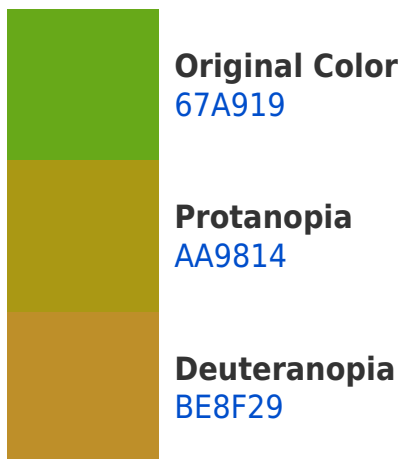


This preview shows how white text looks on a background with the Hex color 67A919.

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



Trichromacy



Original Color
67A919

Protanomaly
929E16

Deuteranomaly
9E9823

Tritanomaly
72A175

Monochromacy



Original Color
67A919

Achromatopsia
858585

Achromatomaly
7A925E

CSS Examples

Text

The CSS property to change the color of the text to Hex 67A919 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 #67A919 looks like.

```
.text, #text, p{  
    color:#67A919  
}
```

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 #67A919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A919
}
```

Border

The CSS property to change the border of an element to Hex 67A919 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
#67A919 }
```

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

```
.border{ border-color:#67A919 }
```

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

Here you see how a box with a 4 pixel #67A919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A919; -webkit-box-shadow:4px 4px  
4px 4px #67A919; box-shadow:4px 4px 4px  
4px #67A919 }
```

Background

The CSS property to change the background color of an element to Hex 67A919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A919 }
```

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

```
.background{ background-color:#67A919 }
```

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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