

Converting Colors

Hex(77A918)

Have a look what the booklet for
Hex(77A918) contains.

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Color

Hex(77A918)

Conversions

Conversions Part 1

Format	Color
Hex	77A918
RGB	119, 169, 24
RGB Percent	47%, 66%, 9%
CMY	0.5333, 0.3373, 0.9059
CMYK	0.30, 0.00, 0.86, 0.34
HSL	81°, 75%, 38%
HSV	81°, 86%, 66%
XYZ	21.9606, 32.3638, 5.9536
YIQ	137.5200, 16.7450, -55.6950

Conversions

Conversions Part 2

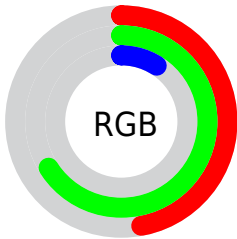
Format	Color
RYB	24, 169, 74
Decimal	7842072
CIELab	63.64, -36.47, 61.40
CIElCh	64, 71.420, 120.711
Yxy	32.3638, 0.3643, 0.5369
Android (android.graphics.Color)	4286032152 (0xFF77A918)
YUV	137.5200, -55.9654, -16.2420
Hunter-Lab	56.8892, -30.6509, 33.6176

Details

The Hex color **77A918** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4A18A9**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **AFE155**, and **407500** is the 20% darker color. If you saturate the color by 10%, you get **71A907**, and if you desaturate by 10%, it is **7DA929**.

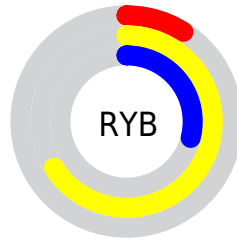
Distribution



Red (47%)

Green (66%)

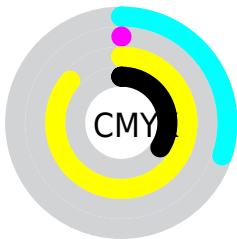
Blue (9%)



Red (9%)

Yellow (66%)

Blue (29%)

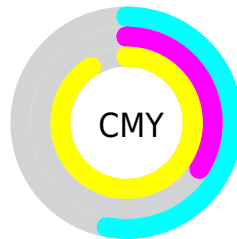


Cyan (30%)

Magenta (0%)

Yellow (86%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A918 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 77A918 by changing the saturation by 10% instead.

 77A918

 77A918

FFFFFF

 5B8E00

 AFE155

 407500

 CCFD70

 245C00

 EAFF8C

 004400

 FFFFA7

 002D00

 FFFFC4

 001500

 FFFFE1

 000000

FFFFFFE

 77A918

 77A918

 71A907

 7DA929

 6FA900

 83A93A

 88A94B

 8EA95C

 94A96C

 9AA97D

 A0A98E

 A6A99F

 ABA9B0

Harmonies

Analogous

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



B79800



77A918



00B358

Triad

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



77A918



00B0FF



FF579B

Complementary

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



77A918



4A18A9

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.



E76ADA



77A918



00A1FF

Square

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



77A918



00B7DA



9988FF



FF635D

Rectangle

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



77A918



00B684



9988FF



FF5BB1

Sweetspot

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



77A918



C8DBA2



A94818



626E4C



EDEDED



6E6E6E

Same Dimension

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



77A918



90DB00



30A918



51544C



619400



0D1400

Inverse Universe

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



4A18A9



4C00DB



9118A9



4F4C54



330094



070014

Previews

White Background



This preview shows how the Hex color 77A918 looks on a white background.

Color Contrast Check

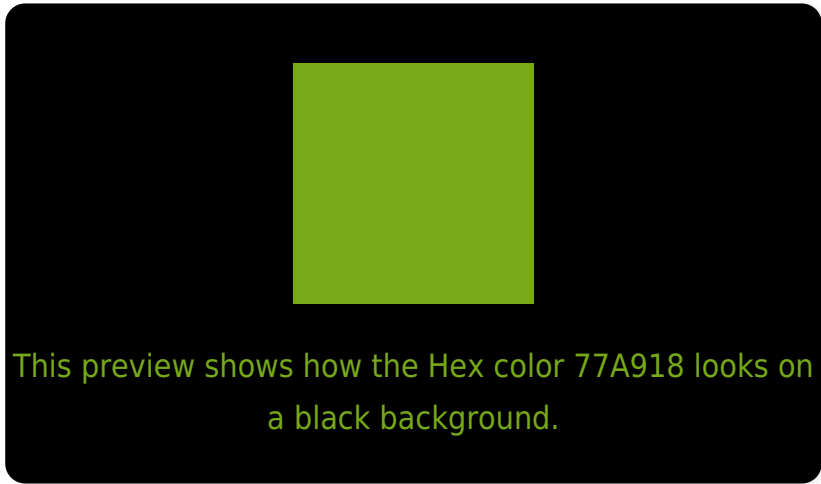
Large Text (above 18pt) WCAG AA × Fail

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 77A918 Background



This preview shows how black text looks on a background with the Hex color 77A918.

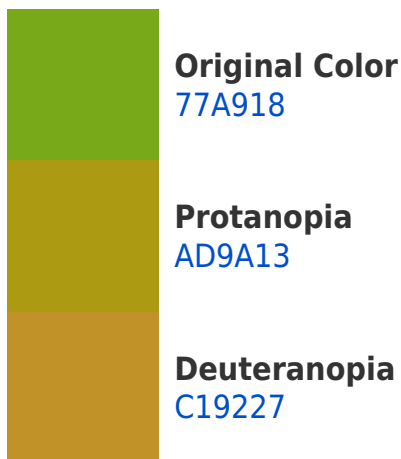


This preview shows how white text looks on a background with the Hex color 77A918.

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
879DAA

Trichromacy



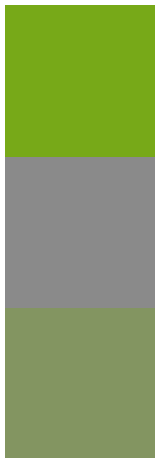
Original Color
77A918

Protanomaly
999F15

Deuteranomaly
A69A22

Tritanomaly
81A175

Monochromacy



Original Color
77A918

Achromatopsia
8A8A8A

Achromatomaly
839561

CSS Examples

Text

The CSS property to change the color of the text to Hex 77A918 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 #77A918 looks like.

```
.text, #text, p{  
    color:#77A918  
}
```

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 #77A918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A918
}
```

Border

The CSS property to change the border of an element to Hex 77A918 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
#77A918 }
```

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

```
.border{ border-color:#77A918 }
```

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

Here you see how a box with a 4 pixel #77A918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A918; -webkit-box-shadow:4px 4px  
4px 4px #77A918; box-shadow:4px 4px 4px  
4px #77A918 }
```

Background

The CSS property to change the background color of an element to Hex 77A918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A918 }
```

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

```
.background{ background-color:#77A918 }
```

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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