

Converting Colors

Hex(79A432)

Have a look what the booklet for
Hex(79A432) contains.

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Color

Hex(79A432)

Conversions

Conversions Part 1

Format	Color
Hex	79A432
RGB	121, 164, 50
RGB Percent	47%, 64%, 20%
CMY	0.5255, 0.3569, 0.8039
CMYK	0.26, 0.00, 0.70, 0.36
HSL	83°, 53%, 42%
HSV	83°, 70%, 64%
XYZ	21.7363, 30.8462, 7.8259
YIQ	138.1470, 10.9660, -44.5700

Conversions

Conversions Part 2

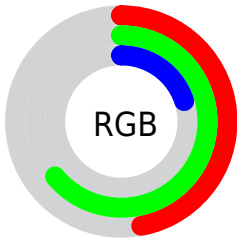
Format	Color
RYB	50, 164, 93
Decimal	7971890
CIELab	62.38, -32.07, 51.98
CIElCh	62, 61.076, 121.674
Yxy	30.8462, 0.3598, 0.5106
Android (android.graphics.Color)	4286161970 (0xFF79A432)
YUV	138.1470, -43.4565, -15.0379
Hunter-Lab	55.5393, -27.3345, 30.5231

Details

The Hex color **79A432** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D32A4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B0DB67**, and **447000** is the 20% darker color. If you saturate the color by 10%, you get **73A422**, and if you desaturate by 10%, it is **7FA442**.

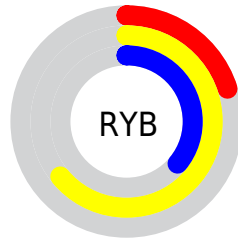
Distribution



Red (47%)

Green (64%)

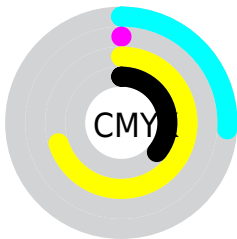
Blue (20%)



Red (20%)

Yellow (64%)

Blue (36%)

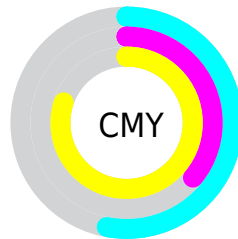


Cyan (26%)

Magenta (0%)

Yellow (70%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79A432 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 79A432 by changing the saturation by 10% instead.



79A432



79A432

FFFFFF



5E8A14



B0DB67



447000



CDF882



295700



EAFF9D



093F00



FFFFB9



002900



FFFFD5



000F00



FFFFF2



000000



79A432



79A432



73A422



7FA442

 6DA411

 85A453

 66A401

 8CA463

 66A400

 92A474

 98A484

 9EA494

 A4A4A5

 AAA4B5

 B1A4C6

Harmonies

Analogous

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



B0951C



79A432



19AD61

Triad

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



79A432



00AAF6



F76396

Complementary

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



79A432



5D32A4

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.



DB70CB



79A432



009CFF

Square

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



79A432



00B0CE



9B87F4



F56B61

Rectangle

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



79A432



00B085



9B87F4



F165A8

Sweetspot

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



79A432



C5D6A9



A45C32



616B50



EBEBEB



6B6B6B

Same Dimension

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



79A432



93D624



41A432



4F5249



5B9100



0B1200

Inverse Universe

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



5D32A4



6724D6



9532A4



4D4952



370091



070012

Previews

White Background



This preview shows how the Hex color 79A432 looks on a white background.

Color Contrast Check

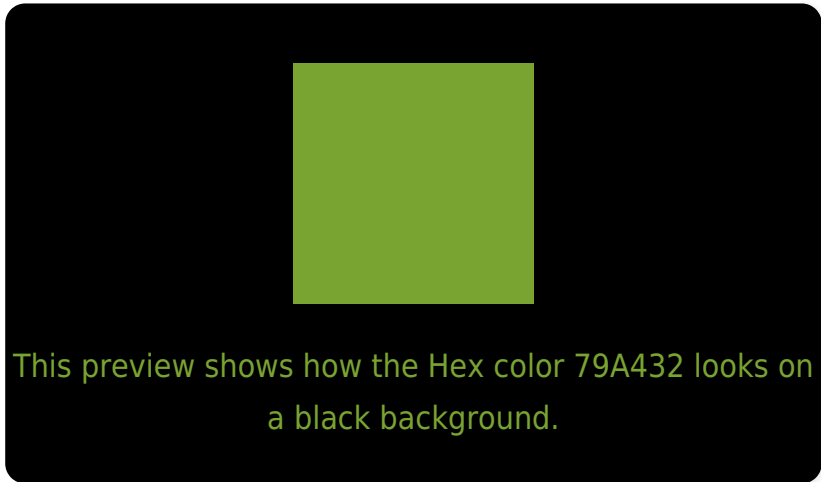
Large Text (above 18pt) WCAG AA × Fail

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 79A432 Background



This preview shows how black text looks on a background with the Hex color 79A432.

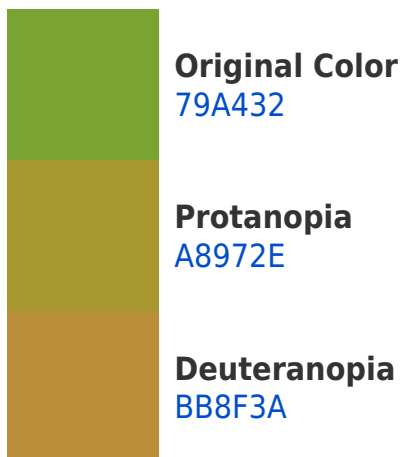


This preview shows how white text looks on a background with the Hex color 79A432.

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
8799A5

Trichromacy



Original Color
79A432

Protanomaly
979C2F

Deuteranomaly
A39737

Tritanomaly
829D7B

Monochromacy



Original Color
79A432

Achromatopsia
8A8A8A

Achromatomaly
84936A

CSS Examples

Text

The CSS property to change the color of the text to Hex 79A432 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 #79A432 looks like.

```
.text, #text, p{  
    color:#79A432  
}
```

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 #79A432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79A432
}
```

Border

The CSS property to change the border of an element to Hex 79A432 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
#79A432 }
```

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

```
.border{ border-color:#79A432 }
```

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

Here you see how a box with a 4 pixel #79A432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79A432; -webkit-box-shadow:4px 4px  
4px 4px #79A432; box-shadow:4px 4px 4px  
4px #79A432 }
```

Background

The CSS property to change the background color of an element to Hex 79A432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79A432 }
```

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

```
.background{ background-color:#79A432 }
```

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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