

# Converting Colors

Hex(79A428)

Have a look what the booklet for  
Hex(79A428) contains.

<b>Hex(79A428)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(79A428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79A428
RGB	121, 164, 40
RGB Percent	47%, 64%, 16%
CMY	0.5255, 0.3569, 0.8431
CMYK	0.26, 0.00, 0.76, 0.36
HSL	81°, 61%, 40%
HSV	81°, 76%, 64%
XYZ	21.5436, 30.7691, 6.8110
YIQ	137.0070, 14.1760, -47.6800

# Conversions

## Conversions Part 2

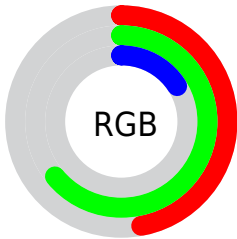
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 164, 83
Decimal	7971880
CIELab	62.31, -32.70, 55.63
CIELCh	62, 64.525, 120.445
Yxy	30.7691, 0.3644, 0.5204
Android (android.graphics.Color)	4286161960 (0xFF79A428)
YUV	137.0070, -47.8245, -14.0381
Hunter-Lab	55.4699, -27.7457, 31.5488

# Details

The Hex color **79A428** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5328A4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B1DB5F**, and **437000** is the 20% darker color. If you saturate the color by 10%, you get **73A418**, and if you desaturate by 10%, it is **7FA438**.

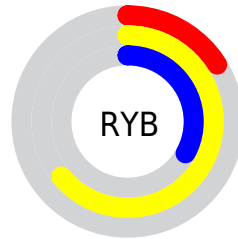
# Distribution



Red (47%)

Green (64%)

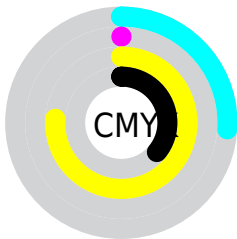
Blue (16%)



Red (16%)

Yellow (64%)

Blue (33%)

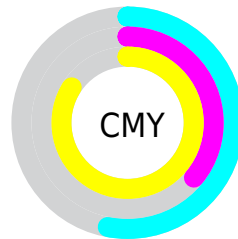


Cyan (26%)

Magenta (0%)

Yellow (76%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79A428 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 79A428 by changing the saturation by 10% instead.





79A428



79A428

FFFFFF



5E8A02



B1DB5F



437000



CDF879



295700



EAFF95



063F00



FFFFB1



002900



FFFFCD



000F00



FFFEEA



000000



79A428



79A428



73A418



7FA438

 6EA407

 84A449

 6BA400

 8AA459

 90A46A

 95A47A

 9BA48A

 A1A49B

 A6A4AB

 ACA4BC

# Harmonies

## Analogous

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



B2940D



79A428



05AD5B

# Triad

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



79A428



00ABFA



FB5E98

# Complementary

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



79A428



5328A4

# 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.



DC6DD0



79A428



009DFF

# Square

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



79A428



00B1CF



9787FA



FA6760

# Rectangle

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



79A428



00B082



9787FA



F461AB



# Sweetspot

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



79A428



C5D6A5



A45128



616B4D



EBEBEB



6B6B6B



# Same Dimension

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



79A428



93D613



3DA428



4F5249



5F9100



0C1200



# Inverse Universe

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



5328A4



5713D6



8F28A4



4C4952



320091



060012



# Previews

## White Background



This preview shows how the Hex color 79A428 looks on a white background.

## Color Contrast Check

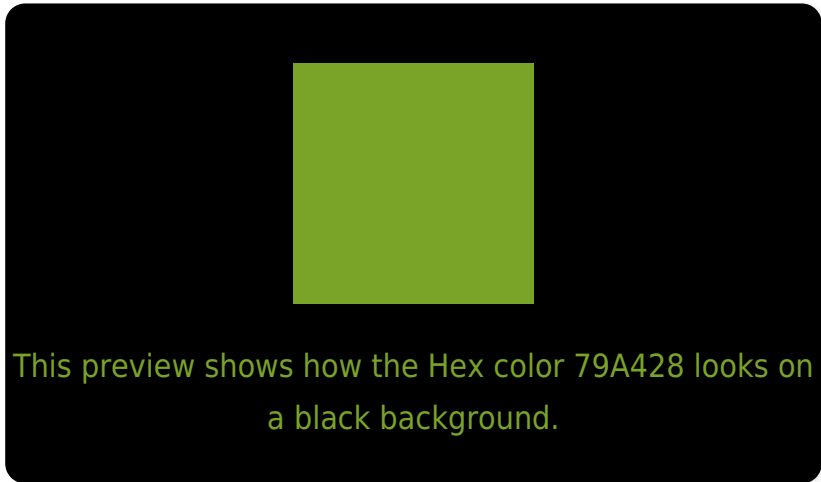
Large Text (above 18pt) WCAG AA × Fail

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 79A428 Background



This preview shows how black text looks on a background with the Hex color 79A428.



This preview shows how white text looks on a background with the Hex color 79A428.

# 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**  
79A428

**Protanomaly**  
989B26

**Deuteranomaly**  
A4972E

**Tritanomaly**  
829D78

# Monochromacy



**Original Color**  
79A428

**Achromatopsia**  
898989

**Achromatomaly**  
839366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79A428 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 #79A428 looks like.

```
.text, #text, p{  
    color:#79A428  
}
```

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 #79A428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79A428
}
```

## Border

The CSS property to change the border of an element to Hex 79A428 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
#79A428 }
```

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

```
.border{ border-color:#79A428 }
```

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

Here you see how a box with a 4 pixel #79A428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79A428; -webkit-box-shadow:4px 4px  
4px 4px #79A428; box-shadow:4px 4px 4px  
4px #79A428 }
```

# Background

The CSS property to change the background color of an element to Hex 79A428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79A428 }
```

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

```
.background{ background-color:#79A428 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor