

Converting Colors

Hex(7A8420)

Have a look what the booklet for
Hex(7A8420) contains.

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Color

Hex(7A8420)

Conversions

Conversions Part 1

Format	Color
Hex	7A8420
RGB	122, 132, 32
RGB Percent	48%, 52%, 13%
CMY	0.5216, 0.4824, 0.8745
CMYK	0.08, 0.00, 0.76, 0.48
HSL	66°, 61%, 32%
HSV	66°, 76%, 52%
XYZ	16.5380, 20.7444, 4.4989
YIQ	117.6100, 26.1400, -33.2200

Conversions

Conversions Part 2

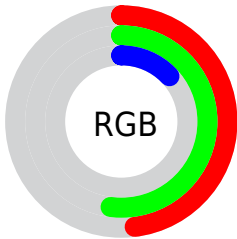
Format	Color
R_{YB}	32, 132, 42
Decimal	8029216
CIE _{Lab}	52.67, -16.85, 49.25
CIE _{LCh}	53, 52.053, 108.885
Y _{xy}	20.7444, 0.3958, 0.4965
Android (android.graphics.Color)	4286219296 (0xFF7A8420)
YUV	117.6100, -42.2057, 3.8500
Hunter-Lab	45.5460, -14.8911, 26.0257

Details

The Hex color **7A8420** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A2084**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B1B954**, and **465300** is the 20% darker color. If you saturate the color by 10%, you get **798413**, and if you desaturate by 10%, it is **7B842D**.

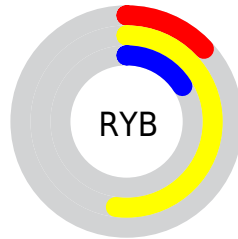
Distribution



Red (48%)

Green (52%)

Blue (13%)



Red (13%)

Yellow (52%)

Blue (16%)

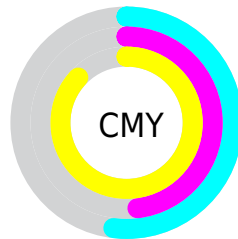


Cyan (8%)

Magenta (0%)

Yellow (76%)

Black (48%)



Cyan (52%)

Magenta (48%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8420 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 7A8420 by changing the saturation by 10% instead.

 7A8420

 7A8420

FFFFFF

 5F6B00

 B1B954

 465300

 CDD56E

 2D3C00

 EAF189

 132600

 FFFFA4

 001100

 FFFFC0

 000000

 FFFFDC

 FFFFF9

 7A8420

 7A8420

■ 798413

■ 7B842D

■ 778406

■ 7D843A

■ 778400

■ 7E8448

■ 7F8455

■ 818462

■ 82846F

■ 83847C

■ 85848A

■ 868497

Harmonies

Analogous

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



A3761F



7A8420



448D40

Triad

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



7A8420



0090C0



C65690

Complementary

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



7A8420



2A2084

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.



A366B9



7A8420



0088D5

Square

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



7A8420



009399



6079D3



CF5563

Rectangle

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



7A8420



00915C



6079D3



BE5A9F

Sweetspot

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



7A8420



A7AB84



842A20



54573E



D6D6D6



575757

Same Dimension

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



7A8420



9BAB0F



488420



42423C



758200



020300

Inverse Universe

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



2A2084



1F0FAB



5C2084



3C3C42



0D0082



000003

Previews

White Background



This preview shows how the Hex color 7A8420 looks on a white background.

Color Contrast Check

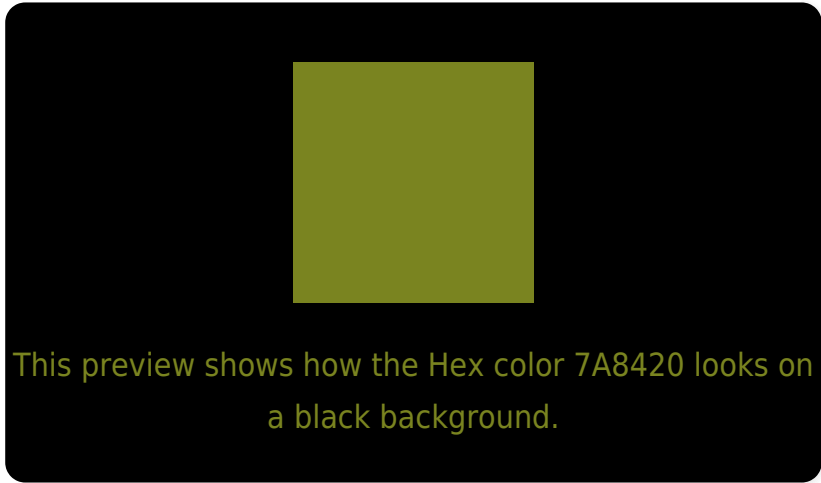
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7A8420 Background



This preview shows how black text looks on a background with the Hex color 7A8420.



This preview shows how white text looks on a background with the Hex color 7A8420.

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
7A8420

Protanopia
8D7E1E

Deuteranopia
9D7726



Tritanopia
837B85

Trichromacy



Original Color
7A8420

Protanomaly
86801F

Deuteranomaly
907C24

Tritanomaly
807E60

Monochromacy



Original Color
7A8420

Achromatopsia
767676

Achromatomaly
777B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8420 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 #7A8420 looks like.

```
.text, #text, p{  
    color:#7A8420  
}
```

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 #7A8420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8420
}
```

Border

The CSS property to change the border of an element to Hex 7A8420 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
#7A8420 }
```

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

```
.border{ border-color:#7A8420 }
```

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

Here you see how a box with a 4 pixel #7A8420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8420; -webkit-box-shadow:4px 4px  
4px 4px #7A8420; box-shadow:4px 4px 4px  
4px #7A8420 }
```

Background

The CSS property to change the background color of an element to Hex 7A8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8420 }
```

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

```
.background{ background-color:#7A8420 }
```

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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