

# Converting Colors

Hex(72843A)

Have a look what the booklet for  
Hex(72843A) contains.

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**Color**

**Hex(72843A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72843A
RGB	114, 132, 58
RGB Percent	45%, 52%, 23%
CMY	0.5529, 0.4824, 0.7725
CMYK	0.14, 0.00, 0.56, 0.48
HSL	75°, 39%, 37%
HSV	75°, 56%, 52%
XYZ	15.9544, 20.3854, 7.0969
YIQ	118.1820, 13.0260, -26.8300

# Conversions

## Conversions Part 2

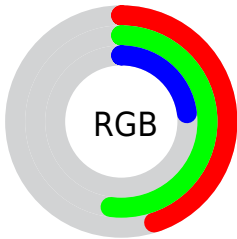
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 132, 76
Decimal	7504954
CIELab	52.27, -18.45, 37.22
CIELCh	52, 41.543, 116.372
Yxy	20.3854, 0.3673, 0.4693
Android (android.graphics.Color)	4285695034 (0xFF72843A)
YUV	118.1820, -29.6697, -3.6676
Hunter-Lab	45.1502, -15.9376, 22.2857

# Details

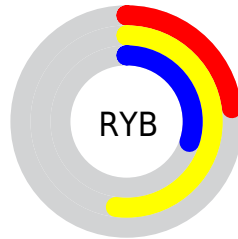
The Hex color **72843A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4C3A84**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A7B96C**, and **405307** is the 20% darker color. If you saturate the color by 10%, you get **6F842D**, and if you desaturate by 10%, it is **758447**.

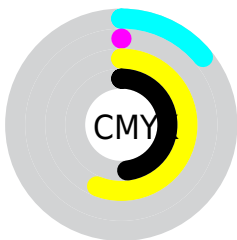
# Distribution



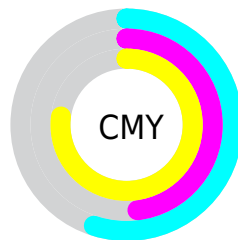
- Red (45%)
- Green (52%)
- Blue (23%)



- Red (23%)
- Yellow (52%)
- Blue (30%)



- Cyan (14%)
- Magenta (0%)
- Yellow (56%)
- Black (48%)



- Cyan (55%)
- Magenta (48%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72843A 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 72843A by changing the saturation by 10% instead.



 72843A

 72843A

FFFFFF

 586B22

 A7B96C

 405307

 C3D586

 293B00

 E0F1A0

 102600

 FDFEBC

 000F00

 FFFFD8

 000000

 FFFFF4

 72843A

 72843A

 6F842D

 758447

6C8420

788454

688412

7C8462

658405

7F846F

648400

82847C

858489

888496

8C84A4

8F84B1

# Harmonies

## Analogous

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



957933



72843A



468B54

# Triad

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



72843A



008AB7



BC5F83

# Complementary

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



72843A



4C3A84

# 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.



A567A5



72843A



2B82C4

# Square

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



72843A



008E9B



7875BD



BE615F

# Rectangle

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



72843A



0F8E6B



7875BD



B6608E



# Sweetspot

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



72843A



A4AB8E



844B3A



525745



D6D6D6



575757



# Same Dimension

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



72843A



8FAB38



4E843A



41423C



628200



020300



# Inverse Universe

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



4C3A84



5438AB



703A84



3D3C42



200082



010003



# Previews

## White Background



This preview shows how the Hex color 72843A looks on a white background.

## Color Contrast Check

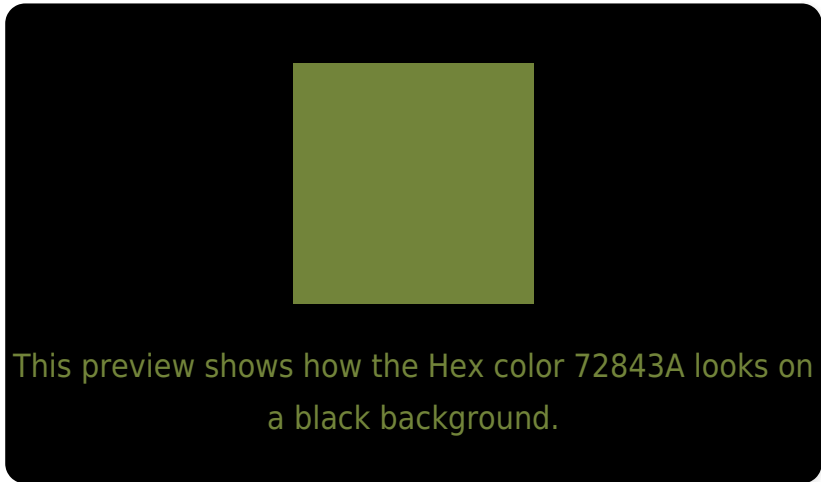
Large Text (above 18pt) WCAG AA ✓ Pass

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

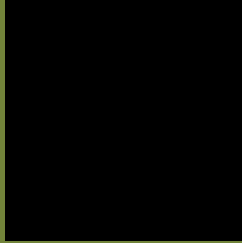
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 72843A Background



This preview shows how black text looks on a background with the Hex color 72843A.



This preview shows how white text looks on a background with the Hex color 72843A.

# 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**  
72843A

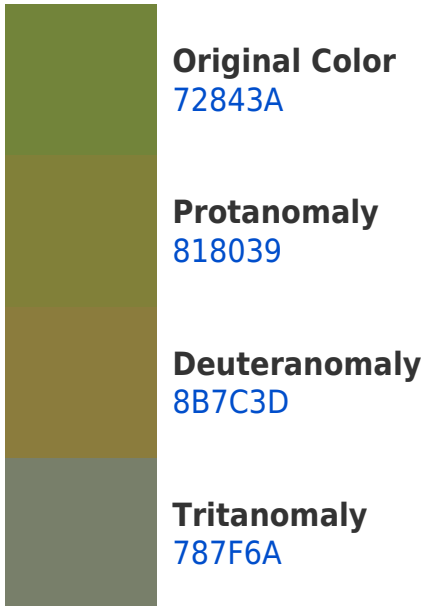
**Protanopia**  
8A7D38

**Deuteranopia**  
99773E

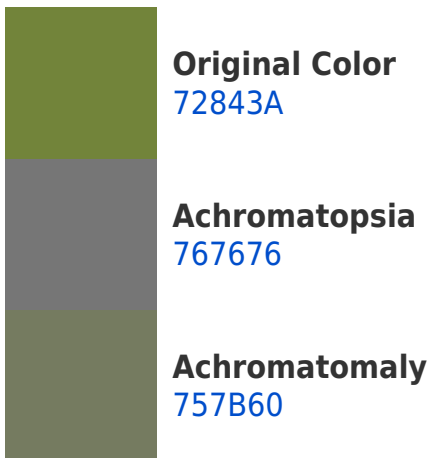


**Tritanopia**  
7B7C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72843A 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 #72843A looks like.

```
.text, #text, p{  
    color:#72843A  
}
```

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 #72843A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72843A
}
```

## Border

The CSS property to change the border of an element to Hex 72843A 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
#72843A }
```

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

```
.border{ border-color:#72843A }
```

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

Here you see how a box with a 4 pixel #72843A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72843A; -webkit-box-shadow:4px 4px  
4px 4px #72843A; box-shadow:4px 4px 4px  
4px #72843A }
```

# Background

The CSS property to change the background color of an element to Hex 72843A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72843A }
```

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

```
.background{ background-color:#72843A }
```

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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