

Converting Colors

Hex(72833A)

Have a look what the booklet for
Hex(72833A) contains.

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Color

Hex(72833A)

Conversions

Conversions Part 1

Format	Color
Hex	72833A
RGB	114, 131, 58
RGB Percent	45%, 51%, 23%
CMY	0.5529, 0.4863, 0.7725
CMYK	0.13, 0.00, 0.56, 0.49
HSL	74°, 39%, 37%
HSV	74°, 56%, 51%
XYZ	15.8195, 20.1155, 7.0519
YIQ	117.5950, 13.3010, -26.3070

Conversions

Conversions Part 2

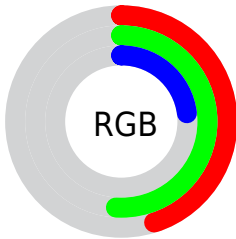
Format	Color
RYB	58, 131, 75
Decimal	7504698
CIELab	51.97, -17.93, 36.87
CIELCh	52, 40.996, 115.934
Yxy	20.1155, 0.3680, 0.4679
Android (android.graphics.Color)	4285694778 (0xFF72833A)
YUV	117.5950, -29.3803, -3.1528
Hunter-Lab	44.8503, -15.5281, 22.0729

Details

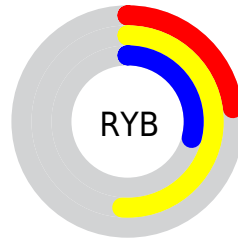
The Hex color **72833A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3A83**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A7B86C**, and **405208** is the 20% darker color. If you saturate the color by 10%, you get **6F832D**, and if you desaturate by 10%, it is **758347**.

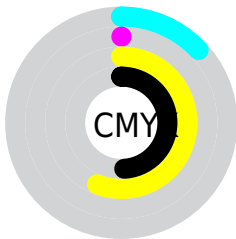
Distribution



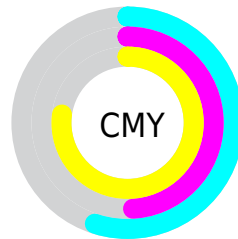
- Red (45%)
- Green (51%)
- Blue (23%)



- Red (23%)
- Yellow (51%)
- Blue (29%)



- Cyan (13%)
- Magenta (0%)
- Yellow (56%)
- Black (49%)



- Cyan (55%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72833A 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 72833A by changing the saturation by 10% instead.



72833A



72833A

FFFFFF



586A22



A7B86C



405208



C3D485



293A00



E0F0A0



102500



FDFFB



000D00



FFFFD8



000000



FFFFF4



72833A



72833A



6F832D



758347

6C8320

788354

698313

7B8361

668306

7E836E

648300

81837B

848389

878396

8A83A3

8D83B0

Harmonies

Analogous

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



957834



72833A



478A53

Triad

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



72833A



0089B5



BA5E82

Complementary

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



72833A



4B3A83

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.



A367A4



72833A



2B81C2

Square

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



72833A



008D9A



7775BB



BD615F

Rectangle

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



72833A



148D6A



7775BB



B4608E

Sweetspot

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



72833A



A4AB8E



834A3A



535745



D6D6D6



575757

Same Dimension

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



72833A



90AB38



4F833A



41423C



648200



020300

Inverse Universe

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



4B3A83



5338AB



6E3A83



3D3C42



1E0082



010003

Previews

White Background



This preview shows how the Hex color 72833A 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

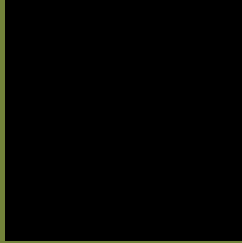
Any Text WCAG AA ✓ Pass

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 72833A Background



This preview shows how black text looks on a background with the Hex color 72833A.



This preview shows how white text looks on a background with the Hex color 72833A.

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](#).

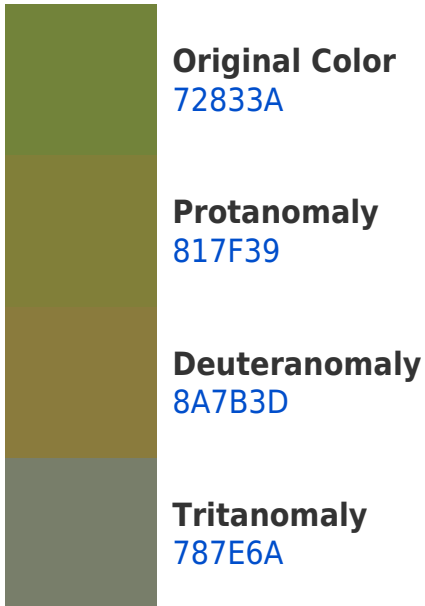
Dichromacy



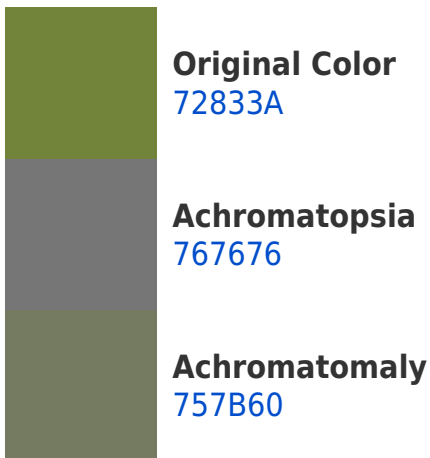


Tritanopia
7B7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72833A 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 #72833A looks like.

```
.text, #text, p{  
    color:#72833A  
}
```

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 #72833A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72833A
}
```

Border

The CSS property to change the border of an element to Hex 72833A 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
#72833A }
```

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

```
.border{ border-color:#72833A }
```

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

Here you see how a box with a 4 pixel #72833A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72833A; -webkit-box-shadow:4px 4px  
4px 4px #72833A; box-shadow:4px 4px 4px  
4px #72833A }
```

Background

The CSS property to change the background color of an element to Hex 72833A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72833A }
```

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

```
.background{ background-color:#72833A }
```

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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