

Converting Colors

Hex(78423A)

Have a look what the booklet for
Hex(78423A) contains.

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Color

Hex(78423A)

Conversions

Conversions Part 1

Format	Color
Hex	78423A
RGB	120, 66, 58
RGB Percent	47%, 26%, 23%
CMY	0.5294, 0.7412, 0.7725
CMYK	0.00, 0.45, 0.52, 0.53
HSL	8°, 35%, 35%
HSV	8°, 52%, 47%
XYZ	10.4577, 8.1950, 5.0336
YIQ	81.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

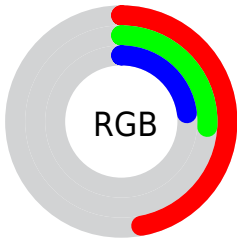
Format	Color
R_{YB}	120, 67, 58
Decimal	7881274
CIE _{Lab}	34.39, 22.41, 15.09
CIE _{LCh}	34, 27.018, 33.958
Yxy	8.1950, 0.4415, 0.3460
Android (android.graphics.Color)	4286071354 (0xFF78423A)
YUV	81.2340, -11.4544, 33.9978
Hunter-Lab	28.6269, 15.1106, 9.6136

Details

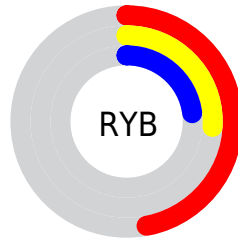
The Hex color **78423A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A7078**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AF7369**, and **441510** is the 20% darker color. If you saturate the color by 10%, you get **78382E**, and if you desaturate by 10%, it is **784C46**.

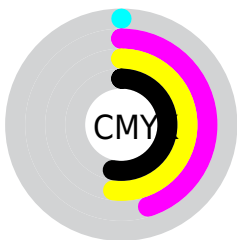
Distribution



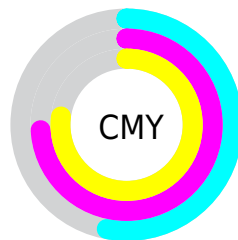
- Red (47%)
- Green (26%)
- Blue (23%)



- Red (47%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (45%)
- Yellow (52%)
- Black (53%)



- Cyan (53%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78423A 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 78423A by changing the saturation by 10% instead.

 78423A

 78423A

FFFFFF

 5E2B24

 AF7369

 441510

 CB8D82

 2C0000

 E8A79C

 000000

 FFC3B7

 FFD3D3

 FFFBEF

 78423A

 78423A

 78382E

 784C46

 782D22

 785752

 782316

 78615E

 78180A

 786C6A

 780F00

 787676

 788182

 788B8E

 78969A

 78A0A6

Harmonies

Analogous

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



793F4F



78423A



6D492B

Triad

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



78423A



295A3D



33527C

Complementary

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



78423A



3A7078

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.



005877



78423A



005C53

Square

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



78423A



45572C



005B68



574A75

Rectangle

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



78423A



624E25



005B68



23547B

Sweetspot

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



78423A



9C8683



783A71



4F4240



CFCFCF



4F4F4F

Same Dimension

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



78423A



9C483B



78603A



3D3837



7D1000



FC2100

Inverse Universe

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



3A7078



3B8F9C



3A5278



373C3D



006D7D



00DCFC

Previews

White Background



This preview shows how the Hex color 78423A looks on a white background.

Color Contrast Check

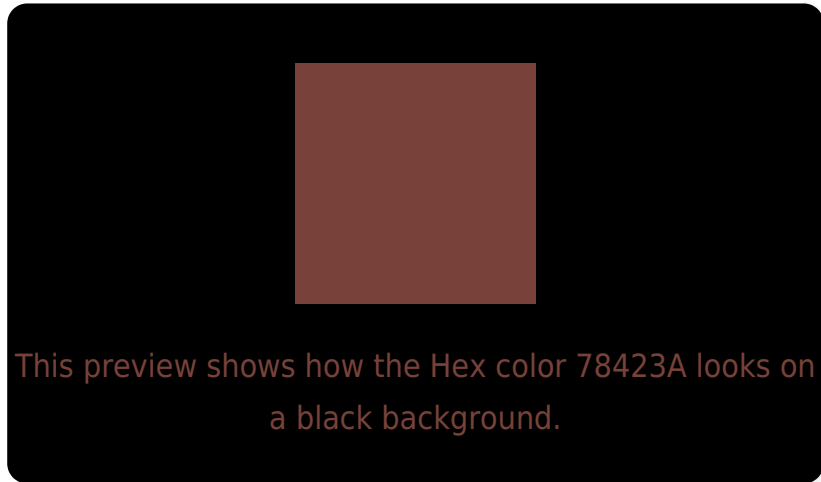
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

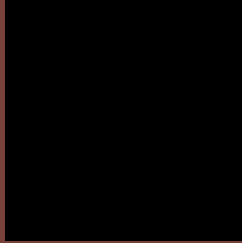
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 78423A Background



This preview shows how black text looks on a background with the Hex color 78423A.

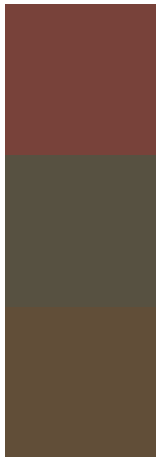


This preview shows how white text looks on a background with the Hex color 78423A.

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
78423A

Protanopia
575141

Deuteranopia
614E38



Tritanopia
794045

Trichromacy



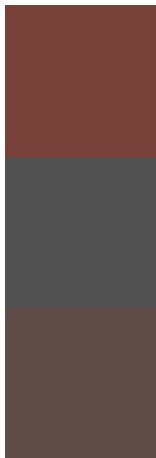
Original Color
78423A

Protanomaly
634C3E

Deuteranomaly
694A39

Tritanomaly
794141

Monochromacy



Original Color
78423A

Achromatopsia
515151

Achromatomaly
5F4C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 78423A 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 #78423A looks like.

```
.text, #text, p{  
    color:#78423A  
}
```

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 #78423A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78423A
}
```

Border

The CSS property to change the border of an element to Hex 78423A is called "border". The border property can be set on classes, ids or directly on the HTML element.

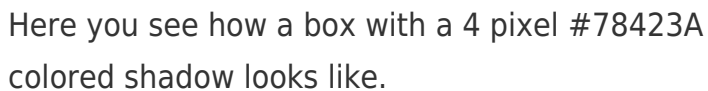
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78423A }
```

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

```
.border{ border-color:#78423A }
```

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



Here you see how a box with a 4 pixel #78423A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78423A; -webkit-box-shadow:4px 4px  
4px 4px #78423A; box-shadow:4px 4px 4px  
4px #78423A }
```

Background

The CSS property to change the background color of an element to Hex 78423A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78423A }
```

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

```
.background{ background-color:#78423A }
```

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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