

Converting Colors

Hex(7B4430)

Have a look what the booklet for
Hex(7B4430) contains.

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Color

Hex(7B4430)

Conversions

Conversions Part 1

Format	Color
Hex	7B4430
RGB	123, 68, 48
RGB Percent	48%, 27%, 19%
CMY	0.5176, 0.7333, 0.8118
CMYK	0.00, 0.45, 0.61, 0.52
HSL	16°, 44%, 34%
HSV	16°, 61%, 48%
XYZ	10.7690, 8.5586, 3.8807
YIQ	82.1650, 39.2000, 5.4400

Conversions

Conversions Part 2

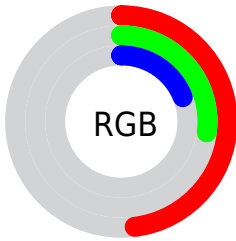
Format	Color
R _Y B	123, 75, 48
Decimal	8078384
CIE Lab	35.12, 21.60, 22.32
CIE LCh	35, 31.060, 45.941
Yxy	8.5586, 0.4640, 0.3688
Android (android.graphics.Color)	4286268464 (0xFF7B4430)
YUV	82.1650, -16.8433, 35.8123
Hunter-Lab	29.2551, 14.5107, 12.6137

Details

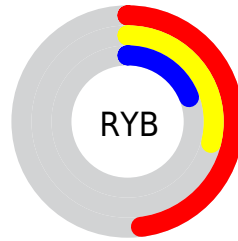
The Hex color **7B4430** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30677B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B2755E**, and **461701** is the 20% darker color. If you saturate the color by 10%, you get **7B3B24**, and if you desaturate by 10%, it is **7B4D3C**.

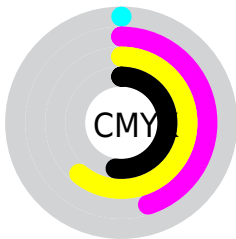
Distribution



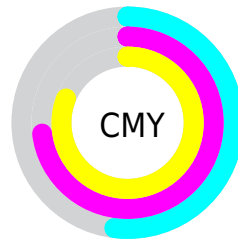
- Red (48%)
- Green (27%)
- Blue (19%)



- Red (48%)
- Yellow (29%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (61%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4430 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 7B4430 by changing the saturation by 10% instead.

 7B4430

 7B4430

FFFFFF

 602D1B

 B2755E

 461701

 CF8F77

 2D0000

 ECA991

 010000

 FFC5AC

 000000

 FFE1C7

 FFFEE3

 7B4430

 7B4430

 7B3B24

 7B4D3C

 7B3217

 7B5649

 7B290B

 7B5F55

 7B2100

 7B6861

 7B716E

 7B7A7A

 7B8386

 7B8C92

 7B959F

Harmonies

Analogous

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



813E46



7B4430



6B4D22

Triad

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



7B4430



085E46



415182

Complementary

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



7B4430



30677B

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.



005982



7B4430



005F5F

Square

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



7B4430



385B2F



005D76



654775

Rectangle

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



7B4430



5C531F



005D76



305484

Sweetspot

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



7B4430



A18B84



7B3067



524440



D1D1D1



525252

Same Dimension

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



7B4430



A14B2B



7B6A30



3D3937



7D2100



FC4300

Inverse Universe

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



30677B



2B81A1



30427B



373C3D



005C7D



00B9FC

Previews

White Background



This preview shows how the Hex color 7B4430 looks on a white background.

Color Contrast Check

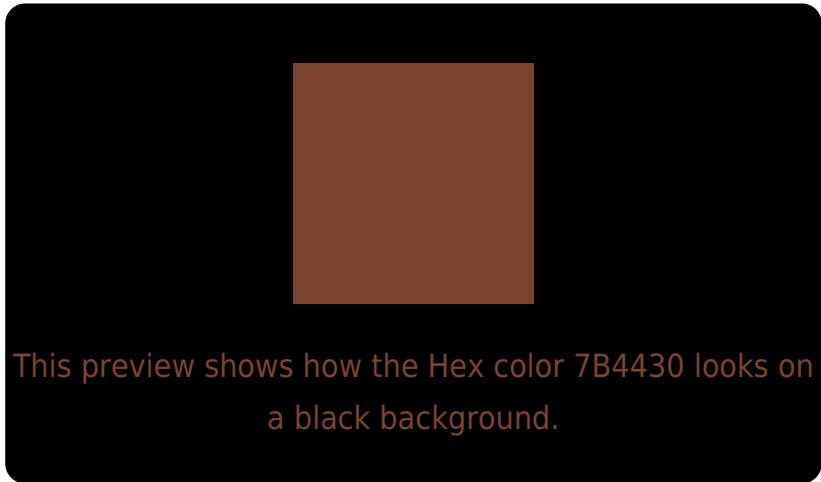
Large Text (above 18pt) WCAG AA ✓ Pass

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

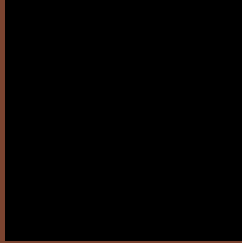
Any Text WCAG AA × Fail

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 7B4430 Background



This preview shows how black text looks on a background with the Hex color 7B4430.



This preview shows how white text looks on a background with the Hex color 7B4430.

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
7B4430

Protanopia
5A5336

Deuteranopia
664F2E



Tritanopia
7C4146

Trichromacy



Original Color
7B4430

Protanomaly
664E34

Deuteranomaly
6E4B2F

Tritanomaly
7C423E

Monochromacy



Original Color
7B4430

Achromatopsia
525252

Achromatomaly
614D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4430 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 #7B4430 looks like.

```
.text, #text, p{  
    color:#7B4430  
}
```

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 #7B4430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4430
}
```

Border

The CSS property to change the border of an element to Hex 7B4430 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
#7B4430 }
```

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

```
.border{ border-color:#7B4430 }
```

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

Here you see how a box with a 4 pixel #7B4430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4430; -webkit-box-shadow:4px 4px  
4px 4px #7B4430; box-shadow:4px 4px 4px  
4px #7B4430 }
```

Background

The CSS property to change the background color of an element to Hex 7B4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4430 }
```

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

```
.background{ background-color:#7B4430 }
```

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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