

Converting Colors

Hex(47893A)

Have a look what the booklet for
Hex(47893A) contains.

Hex(47893A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(47893A)

Conversions

Conversions Part 1

Format	Color
Hex	47893A
RGB	71, 137, 58
RGB Percent	28%, 54%, 23%
CMY	0.7216, 0.4627, 0.7725
CMYK	0.48, 0.00, 0.58, 0.46
HSL	110°, 41%, 38%
HSV	110°, 58%, 54%
XYZ	12.3079, 19.5364, 7.1252
YIQ	108.2600, -13.9770, -38.5610

Conversions

Conversions Part 2

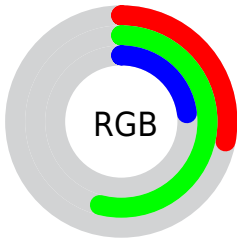
Format	Color
RYB	58, 137, 124
Decimal	4688186
CIELab	51.31, -37.16, 35.45
CIELCh	51, 51.364, 136.349
Yxy	19.5364, 0.3158, 0.5013
Android (android.graphics.Color)	4282878266 (0xFF47893A)
YUV	108.2600, -24.7782, -32.6770
Hunter-Lab	44.2000, -27.6450, 21.3822

Details

The Hex color **47893A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7C3A89**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7CBF6C**, and **0B5607** is the 20% darker color. If you saturate the color by 10%, you get **3C892C**, and if you desaturate by 10%, it is **528948**.

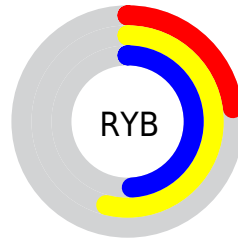
Distribution



Red (28%)

Green (54%)

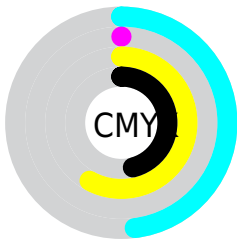
Blue (23%)



Red (23%)

Yellow (54%)

Blue (49%)

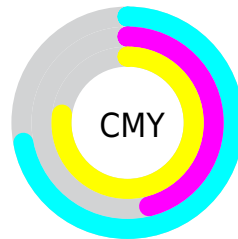


Cyan (48%)

Magenta (0%)

Yellow (58%)

Black (46%)



Cyan (72%)

Magenta (46%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47893A 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 47893A by changing the saturation by 10% instead.



47893A



47893A

FFFFFF



2C6F22



7CBF6C



0B5607



98DB86



003E00



B3F8A0



002900



D0FFBC



000900



EDFFD8



000000



FFFFF4



47893A



47893A



3C892C



528948

■ 30891F

■ 5E8955

■ 258911

■ 698963

■ 198903

■ 758971

■ 178900

■ 80897E

■ 8C898C

■ 97899A

■ A389A8

■ AE89B5

Harmonies

Analogous

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



7A7F1C



47893A



008E64

Triad

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



47893A



0085CF



CA5264

Complementary

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



47893A



7C3A89

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.



C05490



47893A



5477CF

Square

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



47893A



008DB9



9B64B7



BE5F3C

Rectangle

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



47893A



008F83



9B64B7



C95173

Sweetspot

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



47893A



99B394



897C3A



4A5947



D9D9D9



595959

Same Dimension

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



47893A



4CB337



3A8954



3F453E



168500



010500

Inverse Universe

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



7C3A89



9E37B3



893A6F



443E45



6F0085



040005

Previews

White Background



This preview shows how the Hex color 47893A looks on a white background.

Color Contrast Check

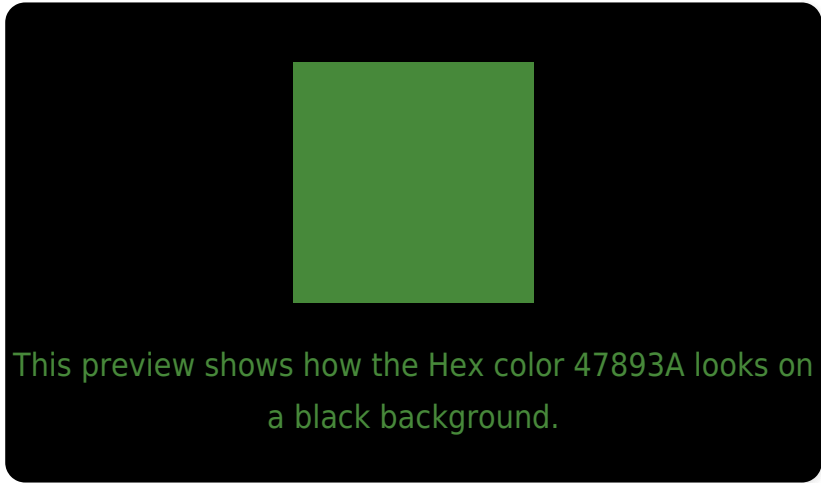
Large Text (above 18pt) WCAG AA ✓ Pass

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 47893A Background



This preview shows how black text looks on a background with the Hex color 47893A.



This preview shows how white text looks on a background with the Hex color 47893A.

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
47893A

Protanopia
877A35

Deuteranopia
957440



Tritanopia
57818B

Trichromacy



Original Color
47893A

Protanomaly
707F37

Deuteranomaly
797C3E

Tritanomaly
51846E

Monochromacy



Original Color
47893A

Achromatopsia
6C6C6C

Achromatomaly
5F775A

CSS Examples

Text

The CSS property to change the color of the text to Hex 47893A 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 #47893A looks like.

```
.text, #text, p{  
    color:#47893A  
}
```

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 #47893A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47893A
}
```

Border

The CSS property to change the border of an element to Hex 47893A 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
#47893A }
```

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

```
.border{ border-color:#47893A }
```

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

Here you see how a box with a 4 pixel #47893A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47893A; -webkit-box-shadow:4px 4px  
4px 4px #47893A; box-shadow:4px 4px 4px  
4px #47893A }
```

Background

The CSS property to change the background color of an element to Hex 47893A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47893A }
```

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

```
.background{ background-color:#47893A }
```

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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