

Converting Colors

Hex(87693A)

Have a look what the booklet for
Hex(87693A) contains.

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Color

Hex(87693A)

Conversions

Conversions Part 1

Format	Color
Hex	87693A
RGB	135, 105, 58
RGB Percent	53%, 41%, 23%
CMY	0.4706, 0.5882, 0.7725
CMYK	0.00, 0.22, 0.57, 0.47
HSL	37°, 40%, 38%
HSV	37°, 57%, 53%
XYZ	15.8070, 15.5595, 6.1732
YIQ	108.6120, 32.9670, -8.2570

Conversions

Conversions Part 2

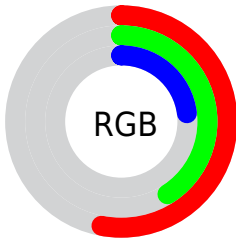
Format	Color
RYB	107, 135, 58
Decimal	8874298
CIELab	46.39, 6.03, 30.74
CIELCh	46, 31.325, 78.893
Yxy	15.5595, 0.4211, 0.4145
Android (android.graphics.Color)	4287064378 (0xFF87693A)
YUV	108.6120, -24.9517, 23.1423
Hunter-Lab	39.4456, 2.5003, 18.3331

Details

The Hex color **87693A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A5887**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BE9C6A**, and **533A0C** is the 20% darker color. If you saturate the color by 10%, you get **87642D**, and if you desaturate by 10%, it is **876E48**.

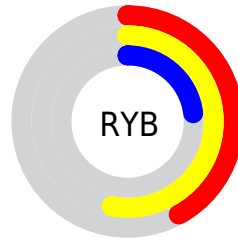
Distribution



Red (53%)

Green (41%)

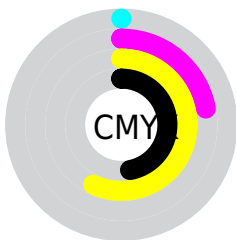
Blue (23%)



Red (42%)

Yellow (53%)

Blue (23%)

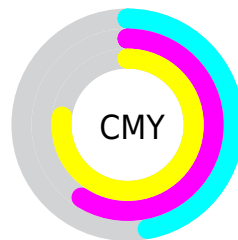


Cyan (0%)

Magenta (22%)

Yellow (57%)

Black (47%)



Cyan (47%)

Magenta (59%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87693A 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 87693A by changing the saturation by 10% instead.



87693A



87693A

FFFFFF



6C5123



BE9C6A



533A0C



DBB784



3A2500



F8D29E



221000



FFEFB9



000000



FFFFD5



FFFFF2



87693A



87693A



87642D



876E48

■ 875E1F

■ 877455

■ 875912

■ 877963

■ 875404

■ 877E70

■ 875200

■ 87837E

■ 87898B

■ 878E99

■ 8793A6

■ 8798B3

Harmonies

Analogous

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



996047



87693A



6E723B

Triad

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



87693A



007C7E



856191

Complementary

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



87693A



3A5887

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.



626B9F



87693A



007995

Square

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



87693A



2A7B63



2F73A1



9A5A79

Rectangle

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



87693A



5A7644



2F73A1



7B6497

Sweetspot

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



87693A



B0A492



873A59



595247



D9D9D9



595959

Same Dimension

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



87693A



B08138



7F873A



42403C



824F00



030200

Inverse Universe

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



3A5887



3867B0



423A87



3C3E42



003382



000103

Previews

White Background



This preview shows how the Hex color 87693A looks on a white background.

Color Contrast Check

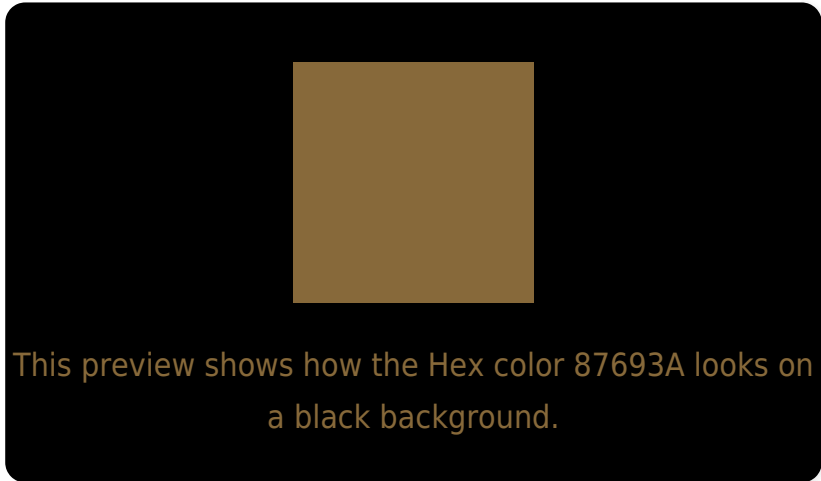
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 87693A Background



This preview shows how black text looks on a background with the Hex color 87693A.



This preview shows how white text looks on a background with the Hex color 87693A.

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
87693A

Protanopia
796E3C

Deuteranopia
87693A



Tritanopia
8B636B

Trichromacy



Original Color
87693A

Protanomaly
7E6C3B

Deuteranomaly
87693A

Tritanomaly
8A6559

Monochromacy



Original Color
87693A

Achromatopsia
6D6D6D

Achromatomaly
766C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 87693A 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 #87693A looks like.

```
.text, #text, p{  
    color:#87693A  
}
```

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 #87693A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87693A
}
```

Border

The CSS property to change the border of an element to Hex 87693A 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
#87693A }
```

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

```
.border{ border-color:#87693A }
```

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

Here you see how a box with a 4 pixel #87693A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87693A; -webkit-box-shadow:4px 4px  
4px 4px #87693A; box-shadow:4px 4px 4px  
4px #87693A }
```

Background

The CSS property to change the background color of an element to Hex 87693A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87693A }
```

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

```
.background{ background-color:#87693A }
```

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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