

Converting Colors

Hex(87572A)

Have a look what the booklet for
Hex(87572A) contains.

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Color

Hex(87572A)

Conversions

Conversions Part 1

Format	Color
Hex	87572A
RGB	135, 87, 42
RGB Percent	53%, 34%, 16%
CMY	0.4706, 0.6588, 0.8353
CMYK	0.00, 0.36, 0.69, 0.47
HSL	29°, 53%, 35%
HSV	29°, 69%, 53%
XYZ	13.8178, 12.1345, 3.8044
YIQ	96.2220, 43.0530, -3.8190

Conversions

Conversions Part 2

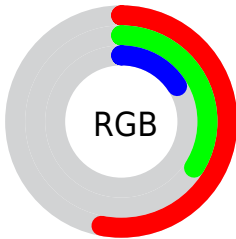
Format	Color
R_{YB}	135, 129, 42
Decimal	8869674
CIE Lab	41.43, 15.37, 33.63
CIE LCh	41, 36.977, 65.441
Yxy	12.1345, 0.4644, 0.4078
Android (android.graphics.Color)	4287059754 (0xFF87572A)
YUV	96.2220, -26.7314, 34.0083
Hunter-Lab	34.8345, 9.8450, 17.9089

Details

The Hex color **87572A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A5A87**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BF8959**, and **512900** is the 20% darker color. If you saturate the color by 10%, you get **87501C**, and if you desaturate by 10%, it is **875E37**.

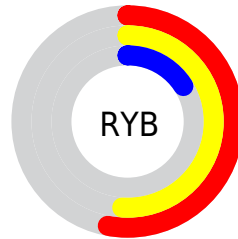
Distribution



Red (53%)

Green (34%)

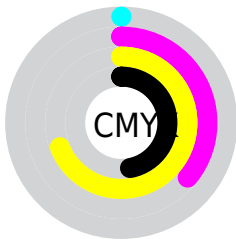
Blue (16%)



Red (53%)

Yellow (51%)

Blue (16%)

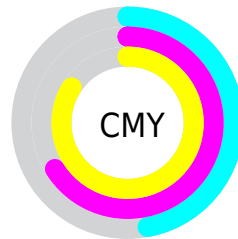


Cyan (0%)

Magenta (36%)

Yellow (69%)

Black (47%)



Cyan (47%)

Magenta (66%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87572A 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 87572A by changing the saturation by 10% instead.

 87572A

 87572A

FFFFFF

 6C4013

 BF8959

 512900

 DDA372

 371400

 FABE8C

 200000

 FFDA A7

 000000

 FFF7C2

 FFFFDE

 FFFFFB

 87572A

 87572A

■ 87501C

■ 875E37

■ 87490F

■ 876545

■ 874201

■ 876C52

■ 874100

■ 877360

■ 877A6E

■ 87817B

■ 878889

■ 878F96

■ 8796A3

Harmonies

Analogous

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



974C40



87572A



6E6222

Triad

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



87572A



007166



6B5793

Complementary

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



87572A



2A5A87

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.



33639E



87572A



007084

Square

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



87572A



216F47



006C99



8B4C7C

Rectangle

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



87572A



596828



006C99



5C5C99

Sweetspot

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



87572A



B09D8B



872A5A



594E43



D9D9D9



595959

Same Dimension

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



87572A



B0651E



87852A



423F3C



823F00



030100

Inverse Universe

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



2A5A87



1E69B0



2A2C87



3C3F42



004382



000103

Previews

White Background



This preview shows how the Hex color 87572A looks on a white background.

Color Contrast Check

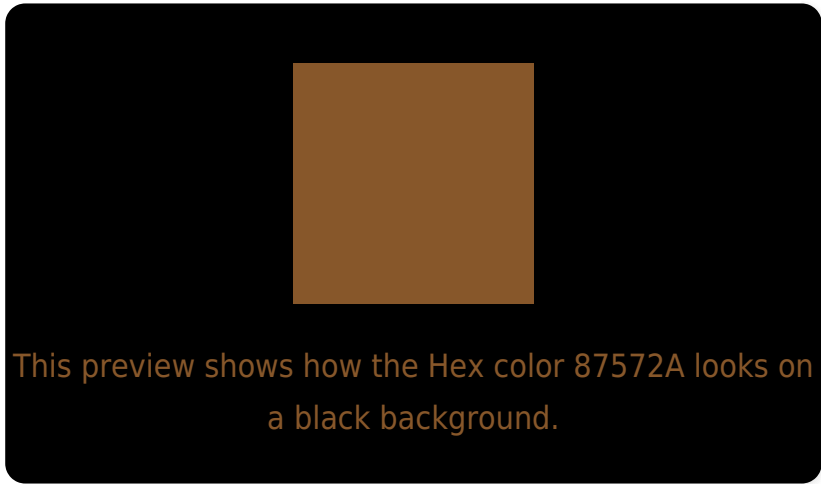
Large Text (above 18pt) WCAG AA ✓ Pass

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 87572A Background



This preview shows how black text looks on a background with the Hex color 87572A.



This preview shows how white text looks on a background with the Hex color 87572A.

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
87572A

Protanopia
6D622D

Deuteranopia
7A5D28



Tritanopia
8A5258

Trichromacy



Original Color
87572A

Protanomaly
765E2C

Deuteranomaly
7F5B29

Tritanomaly
895447

Monochromacy



Original Color
87572A

Achromatopsia
606060

Achromatomaly
6E5D4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 87572A 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 #87572A looks like.

```
.text, #text, p{  
    color:#87572A  
}
```

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 #87572A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87572A
}
```

Border

The CSS property to change the border of an element to Hex 87572A 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
#87572A }
```

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

```
.border{ border-color:#87572A }
```

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

Here you see how a box with a 4 pixel #87572A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87572A; -webkit-box-shadow:4px 4px  
4px 4px #87572A; box-shadow:4px 4px 4px  
4px #87572A }
```

Background

The CSS property to change the background color of an element to Hex 87572A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87572A }
```

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

```
.background{ background-color:#87572A }
```

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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