

Converting Colors

Hex(87522F)

Have a look what the booklet for
Hex(87522F) contains.

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Color

Hex(87522F)

Conversions

Conversions Part 1

Format	Color
Hex	87522F
RGB	135, 82, 47
RGB Percent	53%, 32%, 18%
CMY	0.4706, 0.6784, 0.8157
CMYK	0.00, 0.39, 0.65, 0.47
HSL	24°, 48%, 36%
HSV	24°, 65%, 53%
XYZ	13.5221, 11.3907, 4.1753
YIQ	93.8570, 42.8230, 0.3510

Conversions

Conversions Part 2

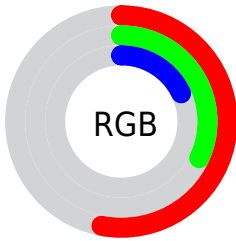
Format	Color
R_{YB}	135, 105, 47
Decimal	8868399
CIE _{Lab}	40.23, 18.64, 29.51
CIE _{LCh}	40, 34.903, 57.713
Yxy	11.3907, 0.4649, 0.3916
Android (android.graphics.Color)	4287058479 (0xFF87522F)
YUV	93.8570, -23.1005, 36.0824
Hunter-Lab	33.7501, 12.4536, 16.2903

Details

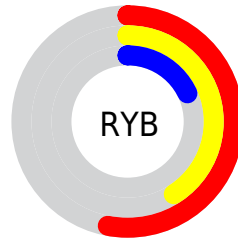
The Hex color **87522F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2F6487**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BF845E**, and **512400** is the 20% darker color. If you saturate the color by 10%, you get **874A22**, and if you desaturate by 10%, it is **875A3D**.

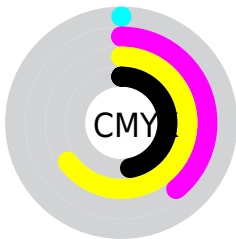
Distribution



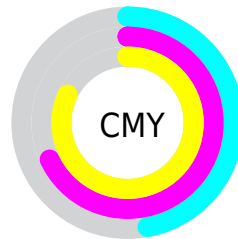
- Red (53%)
- Green (32%)
- Blue (18%)



- Red (53%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (47%)



- Cyan (47%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87522F 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 87522F by changing the saturation by 10% instead.



87522F



87522F

FFFFFF



6C3B19



BF845E



512400



DC9E77



370F00



FAB991



210001



FFD5AC



000000



FFF1C7



FFFFE3



87522F



87522F



874A22



875A3D

■ 874214

■ 87624A

■ 873A07

■ 876A58

■ 873600

■ 877365

■ 877B73

■ 878380

■ 878B8E

■ 87939B

■ 879BA9

Harmonies

Analogous

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



934946



87522F



715D24

Triad

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



87522F



006D5C



5D5891

Complementary

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



87522F



2F6487

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.



206398



87522F



006D78

Square

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



87522F



306A3F



00698E



804D7E

Rectangle

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



87522F



5F6226



00698E



4D5C95

Sweetspot

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



87522F



B09B8D



872F65



594C44



D9D9D9



595959

Same Dimension

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



87522F



B05D27



877D2F



423E3C



823400



030100

Inverse Universe

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



2F6487



2779B0



2F3987



3C4042



004E82



000203

Previews

White Background



This preview shows how the Hex color 87522F looks on a white background.

Color Contrast Check

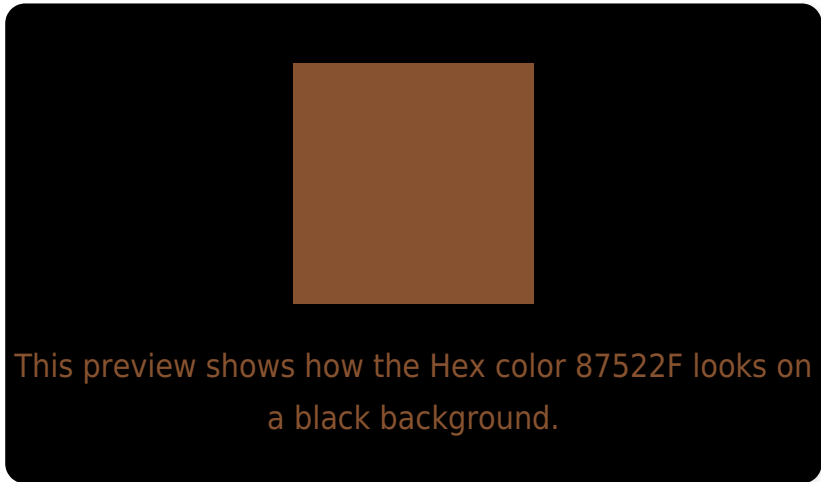
Large Text (above 18pt) WCAG AA ✓ Pass

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 87522F Background



This preview shows how black text looks on a background with the Hex color 87522F.



This preview shows how white text looks on a background with the Hex color 87522F.

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
87522F

Protanopia
695F33

Deuteranopia
765B2D



Tritanopia
894E53

Trichromacy



Original Color
87522F

Protanomaly
745A32

Deuteranomaly
7C582E

Tritanomaly
884F46

Monochromacy



Original Color
87522F

Achromatopsia
5E5E5E

Achromatomaly
6D5A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 87522F 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 #87522F looks like.

```
.text, #text, p{  
    color:#87522F  
}
```

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 #87522F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87522F
}
```

Border

The CSS property to change the border of an element to Hex 87522F is called "border". The border property can be set on classes, ids or directly on the HTML element.

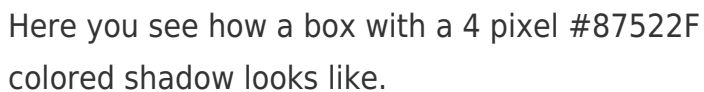
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87522F }
```

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

```
.border{ border-color:#87522F }
```

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



Here you see how a box with a 4 pixel #87522F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87522F; -webkit-box-shadow:4px 4px  
4px 4px #87522F; box-shadow:4px 4px 4px  
4px #87522F }
```

Background

The CSS property to change the background color of an element to Hex 87522F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87522F }
```

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

```
.background{ background-color:#87522F }
```

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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