

Converting Colors

Hex(87491A)

Have a look what the booklet for
Hex(87491A) contains.

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Color

Hex(87491A)

Conversions

Conversions Part 1

Format	Color
Hex	87491A
RGB	135, 73, 26
RGB Percent	53%, 29%, 10%
CMY	0.4706, 0.7137, 0.8980
CMYK	0.00, 0.46, 0.81, 0.47
HSL	26°, 68%, 32%
HSV	26°, 81%, 53%
XYZ	12.5607, 9.9906, 2.2436
YIQ	86.1800, 52.0390, -1.4730

Conversions

Conversions Part 2

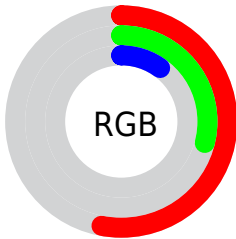
Format	Color
R_{YB}	135, 109, 26
Decimal	8866074
CIE _{Lab}	37.83, 22.67, 37.97
CIE _{LCh}	38, 44.226, 59.158
Yxy	9.9906, 0.5066, 0.4029
Android (android.graphics.Color)	4287056154 (0xFF87491A)
YUV	86.1800, -29.6687, 42.8151
Hunter-Lab	31.6079, 15.6205, 17.9169

Details

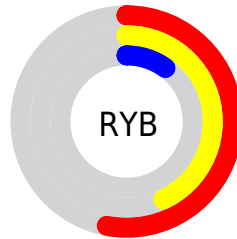
The Hex color **87491A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1A5887**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C17A49**, and **501B00** is the 20% darker color. If you saturate the color by 10%, you get **87410C**, and if you desaturate by 10%, it is **875127**.

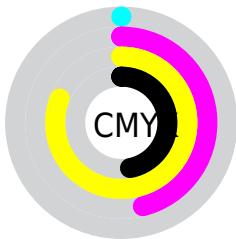
Distribution



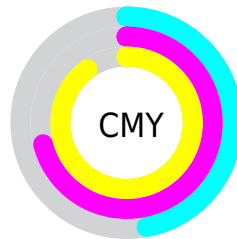
- Red (53%)
- Green (29%)
- Blue (10%)



- Red (53%)
- Yellow (43%)
- Blue (10%)



- Cyan (0%)
- Magenta (46%)
- Yellow (81%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87491A 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 87491A by changing the saturation by 10% instead.



87491A



87491A

FFFFFF



6B3201



C17A49



501B00



DE9462



350600



FCAF7B



1A0001



FFCB95



000000



FFE7B0



FFFCC



FFFFE8



87491A



87491A

■ 87410C

■ 875127

■ 873A00

■ 875835

■ 876042

■ 876850

■ 876F5E

■ 87776B

■ 877F78

■ 878686

■ 878E93

Harmonies

Analogous

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



973B38



87491A



6C5705

Triad

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



87491A



006A57



565098

Complementary

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



87491A



1A5887

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.



005EA1



87491A



00697B

Square

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



87491A



0A6732



006696



83407E

Rectangle

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



87491A



555E0A



006696



3F559D

Sweetspot

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



87491A



B09886



871A5A



594B3F



D9D9D9



595959

Same Dimension

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



87491A



B04F05



877E1A



423F3C



823800



030100

Inverse Universe

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



1A5887



0566B0



1A2387



3C3F42



004A82



000103

Previews

White Background



This preview shows how the Hex color 87491A looks on a white background.

Color Contrast Check

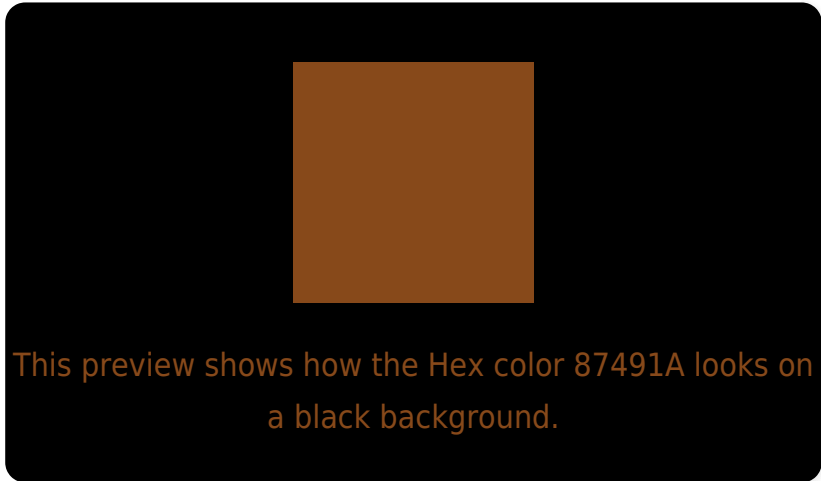
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 87491A Background



This preview shows how black text looks on a background with the Hex color 87491A.



This preview shows how white text looks on a background with the Hex color 87491A.

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
87491A

Protanopia
645A1E

Deuteranopia
715515



Tritanopia
894449

Trichromacy



Original Color
87491A

Protanomaly
71541D

Deuteranomaly
795117

Tritanomaly
884638

Monochromacy



Original Color
87491A

Achromatopsia
565656

Achromatomaly
685140

CSS Examples

Text

The CSS property to change the color of the text to Hex 87491A 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 #87491A looks like.

```
.text, #text, p{  
    color:#87491A  
}
```

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 #87491A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87491A
}
```

Border

The CSS property to change the border of an element to Hex 87491A is called "border". The border property can be set on classes, ids or directly on the HTML element.

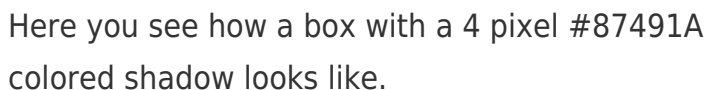
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87491A }
```

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

```
.border{ border-color:#87491A }
```

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



Here you see how a box with a 4 pixel #87491A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87491A; -webkit-box-shadow:4px 4px  
4px 4px #87491A; box-shadow:4px 4px 4px  
4px #87491A }
```

Background

The CSS property to change the background color of an element to Hex 87491A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87491A }
```

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

```
.background{ background-color:#87491A }
```

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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