

Converting Colors

Hex(897F21)

Have a look what the booklet for
Hex(897F21) contains.

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Color

Hex(897F21)

Conversions

Conversions Part 1

Format	Color
Hex	897F21
RGB	137, 127, 33
RGB Percent	54%, 50%, 13%
CMY	0.4627, 0.5020, 0.8706
CMYK	0.00, 0.07, 0.76, 0.46
HSL	54°, 61%, 33%
HSV	54°, 76%, 54%
XYZ	18.1804, 20.6069, 4.4582
YIQ	119.2740, 36.1340, -27.1140

Conversions

Conversions Part 2

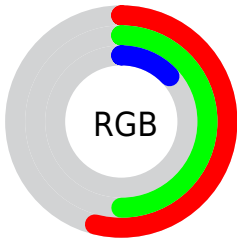
Format	Color
R_{YB}	44, 137, 33
Decimal	9010977
CIE Lab	52.52, -7.24, 49.20
CIE LCh	53, 49.729, 98.374
Yxy	20.6069, 0.4204, 0.4765
Android (android.graphics.Color)	4287201057 (0xFF897F21)
YUV	119.2740, -42.5331, 15.5457
Hunter-Lab	45.3948, -7.9526, 25.9536

Details

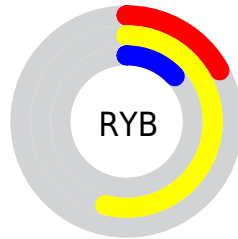
The Hex color **897F21** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **212B89**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C1B355**, and **544E00** is the 20% darker color. If you saturate the color by 10%, you get **897E13**, and if you desaturate by 10%, it is **89802F**.

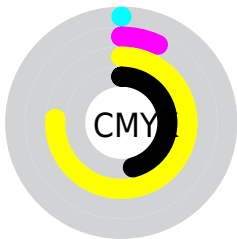
Distribution



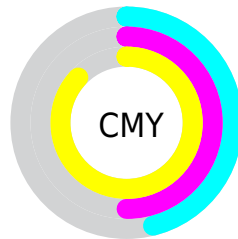
- Red (54%)
- Green (50%)
- Blue (13%)



- Red (17%)
- Yellow (54%)
- Blue (13%)



- Cyan (0%)
- Magenta (7%)
- Yellow (76%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 897F21 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 897F21 by changing the saturation by 10% instead.

 897F21

 897F21

FFFFFF

 6E6600

 C1B355

 544E00

 DECF6F

 3A3800

 FCEB89

 212300

 FFFFA4

 000E00

 FFFFC0

 000000

 FFFFDD

 FFFFFA

 897F21

 897F21

■ 897E13

■ 89802F

■ 897C06

■ 89823C

■ 897C00

■ 89834A

■ 898458

■ 898666

■ 898773

■ 898881

■ 898A8F

■ 898B9C

Harmonies

Analogous

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



AD702B



897F21



5B8A36

Triad

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



897F21



0091B1



BA5C9E

Complementary

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



897F21



212B89

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.



8F6DC1



897F21



008ACC

Square

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



897F21



009288



3E7ED2



CB5673

Rectangle

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



897F21



308E4E



3E7ED2



AF61AB

Sweetspot

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



897F21



B3AF89



89212B



595740



D9D9D9



595959

Same Dimension

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



897F21



B3A310



5F8921



45443E



857800



050500

Inverse Universe

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



212B89



1020B3



4B2189



3E3F45



000D85



000005

Previews

White Background



This preview shows how the Hex color 897F21 looks on a white background.

Color Contrast Check

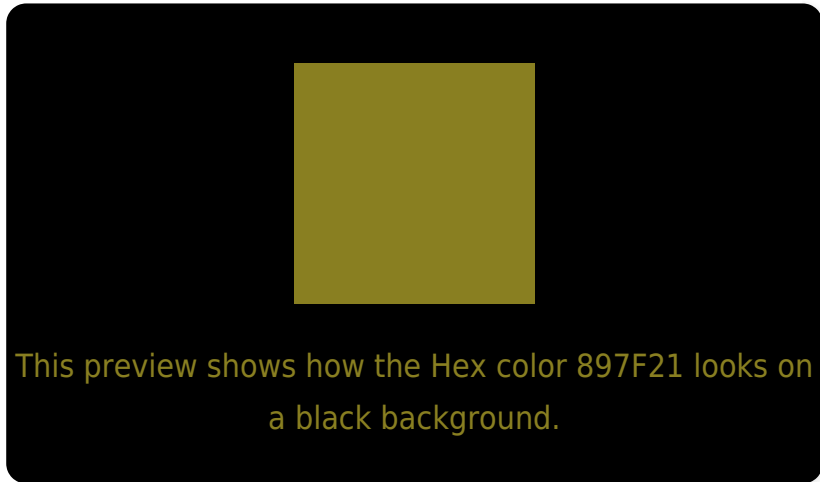
Large Text (above 18pt) WCAG AA ✓ Pass

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 897F21 Background



This preview shows how black text looks on a background with the Hex color 897F21.



This preview shows how white text looks on a background with the Hex color 897F21.

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
897F21

Protanopia
8D7E21

Deuteranopia
9D7724



Tritanopia
907680

Trichromacy



Original Color
897F21

Protanomaly
8C7E21

Deuteranomaly
967A23

Tritanomaly
8D795D

Monochromacy



Original Color
897F21

Achromatopsia
777777

Achromatomaly
7E7A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 897F21 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 #897F21 looks like.

```
.text, #text, p{  
    color:#897F21  
}
```

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 #897F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897F21
}
```

Border

The CSS property to change the border of an element to Hex 897F21 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
#897F21 }
```

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

```
.border{ border-color:#897F21 }
```

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

Here you see how a box with a 4 pixel #897F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897F21; -webkit-box-shadow:4px 4px  
4px 4px #897F21; box-shadow:4px 4px 4px  
4px #897F21 }
```

Background

The CSS property to change the background color of an element to Hex 897F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897F21 }
```

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

```
.background{ background-color:#897F21 }
```

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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