

Converting Colors

Hex(87961C)

Have a look what the booklet for
Hex(87961C) contains.

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Color

Hex(87961C)

Conversions

Conversions Part 1

Format	Color
Hex	87961C
RGB	135, 150, 28
RGB Percent	53%, 59%, 11%
CMY	0.4706, 0.4118, 0.8902
CMYK	0.10, 0.00, 0.81, 0.41
HSL	67°, 69%, 35%
HSV	67°, 81%, 59%
XYZ	21.1076, 27.0474, 5.2068
YIQ	131.6070, 30.2220, -41.1220

Conversions

Conversions Part 2

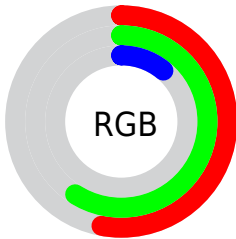
Format	Color
R_{YB}	28, 150, 43
Decimal	8885788
CIE _{Lab}	59.02, -20.57, 56.75
CIE _{LCh}	59, 60.360, 109.922
Yxy	27.0474, 0.3956, 0.5069
Android (android.graphics.Color)	4287075868 (0xFF87961C)
YUV	131.6070, -51.0783, 2.9757
Hunter-Lab	52.0071, -18.5665, 30.4691

Details

The Hex color **87961C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B1C96**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BFCC54**, and **516300** is the 20% darker color. If you saturate the color by 10%, you get **85960D**, and if you desaturate by 10%, it is **89962B**.

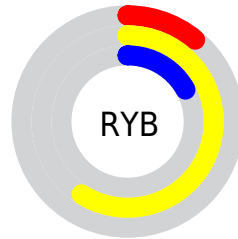
Distribution



Red (53%)

Green (59%)

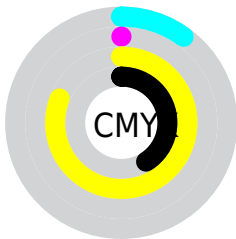
Blue (11%)



Red (11%)

Yellow (59%)

Blue (17%)

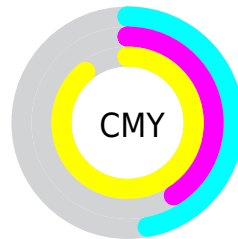


Cyan (10%)

Magenta (0%)

Yellow (81%)

Black (41%)



Cyan (47%)

Magenta (41%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87961C 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 87961C by changing the saturation by 10% instead.

 87961C

 87961C

FFFFFF

 6C7C00

 BFCC54

 516300

 DCE86F

 374B00

 FAFF8A

 1D3500

 FFFFA6

 002000

 FFFFC2

 000000

 FFFFDE

 FFFFFC

 87961C

 87961C

■ 85960D

■ 89962B

■ 849600

■ 8B963A

■ 8D9649

■ 8E9658

■ 909667

■ 929676

■ 949685

■ 969694

■ 9896A3

Harmonies

Analogous

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



B88519



87961C



44A146

Triad

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



87961C



00A3DE



E55DA2

Complementary

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



87961C



2B1C96

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.



BC70D3



87961C



0099F6

Square

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



87961C



00A7B1



6C87F2



ED5D6D

Rectangle

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



87961C



00A568



6C87F2



DB62B4

Sweetspot

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



87961C



BCC293



962A1C



5D6145



E0E0E0



616161

Same Dimension

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



87961C



AAC204



4B961C



494A43



798A00



090A00

Inverse Universe

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



2B1C96



1B04C2



671C96



43434A



11008A



01000A

Previews

White Background



This preview shows how the Hex color 87961C looks on a white background.

Color Contrast Check

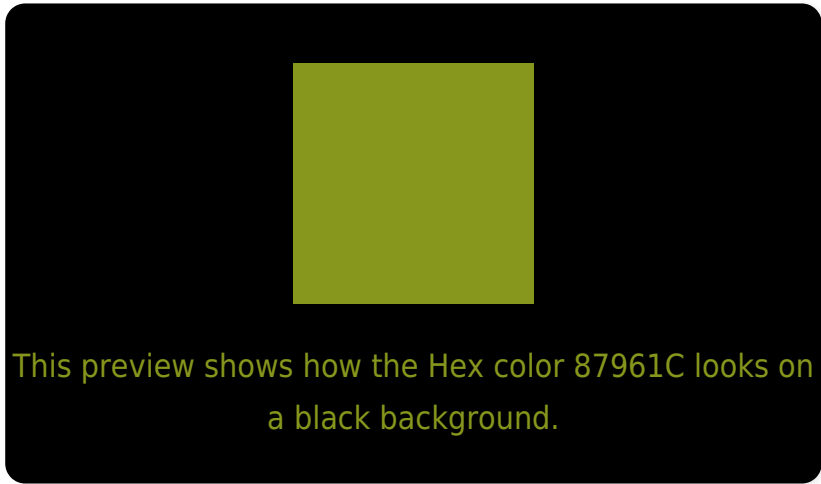
Large Text (above 18pt) WCAG AA ✓ Pass

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 87961C Background



This preview shows how black text looks on a background with the Hex color 87961C.



This preview shows how white text looks on a background with the Hex color 87961C.

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
87961C

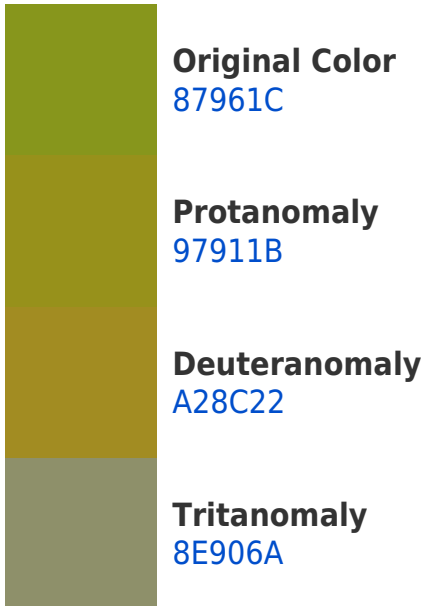
Protanopia
A08E1A

Deuteranopia
B28725



Tritanopia
928C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87961C 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 #87961C looks like.

```
.text, #text, p{  
    color:#87961C  
}
```

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 #87961C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87961C
}
```

Border

The CSS property to change the border of an element to Hex 87961C 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
#87961C }
```

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

```
.border{ border-color:#87961C }
```

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

Here you see how a box with a 4 pixel #87961C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87961C; -webkit-box-shadow:4px 4px  
4px 4px #87961C; box-shadow:4px 4px 4px  
4px #87961C }
```

Background

The CSS property to change the background color of an element to Hex 87961C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87961C }
```

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

```
.background{ background-color:#87961C }
```

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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