

Converting Colors

Hex(95871E)

Have a look what the booklet for
Hex(95871E) contains.

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Color

Hex(95871E)

Conversions

Conversions Part 1

Format	Color
Hex	95871E
RGB	149, 135, 30
RGB Percent	58%, 53%, 12%
CMY	0.4157, 0.4706, 0.8824
CMYK	0.00, 0.09, 0.80, 0.42
HSL	53°, 66%, 35%
HSV	53°, 80%, 58%
XYZ	21.2927, 23.8112, 4.7021
YIQ	127.2160, 42.0490, -29.6870

Conversions

Conversions Part 2

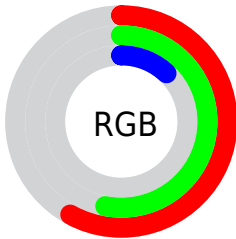
Format	Color
R_{YB}	46, 149, 30
Decimal	9799454
CIE Lab	55.90, -6.24, 53.79
CIE LCh	56, 54.155, 96.614
Yxy	23.8112, 0.4275, 0.4781
Android (android.graphics.Color)	4287989534 (0xFF95871E)
YUV	127.2160, -47.9275, 19.1046
Hunter-Lab	48.7968, -7.5049, 28.4445

Details

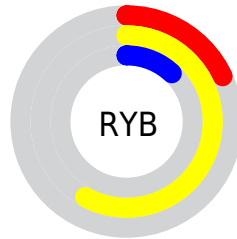
The Hex color **95871E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1E2C95**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CEBC54**, and **5E5600** is the 20% darker color. If you saturate the color by 10%, you get **95850F**, and if you desaturate by 10%, it is **95892D**.

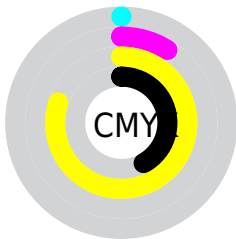
Distribution



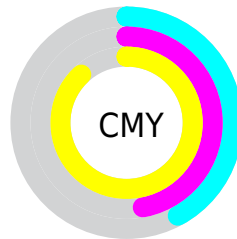
- Red (58%)
- Green (53%)
- Blue (12%)



- Red (18%)
- Yellow (58%)
- Blue (12%)



- Cyan (0%)
- Magenta (9%)
- Yellow (80%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95871E 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 95871E by changing the saturation by 10% instead.



95871E



95871E

FFFFFF



796E00



CEBC54



5E5600



ECD86E



443F00



FFF489



2B2900



FFFFA4



101500



FFFFC0



000000



FFFFDD



FFFFFFA



95871E



95871E

■ 95850F

■ 95892D

■ 958300

■ 958B3C

■ 958C4B

■ 958E5A

■ 959069

■ 959277

■ 959386

■ 959595

■ 9597A4

Harmonies

Analogous

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



BC762D



95871E



639335

Triad

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



95871E



009BBD



C762AC

Complementary

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



95871E



1E2C95

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.



9675D2



95871E



0095DC

Square

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



95871E



009D8F



3288E4



DB5A7D

Rectangle

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



95871E



349850



3288E4



BA68BA

Sweetspot

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



95871E



C2BC93



951E2E



615E45



E0E0E0



616161

Same Dimension

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



95871E



C2AC08



69951E



4A4943



8A7A00



0A0900

Inverse Universe

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



1E2C95



081EC2



4A1E95



43434A



00108A



00010A

Previews

White Background



This preview shows how the Hex color 95871E looks on a white background.

Color Contrast Check

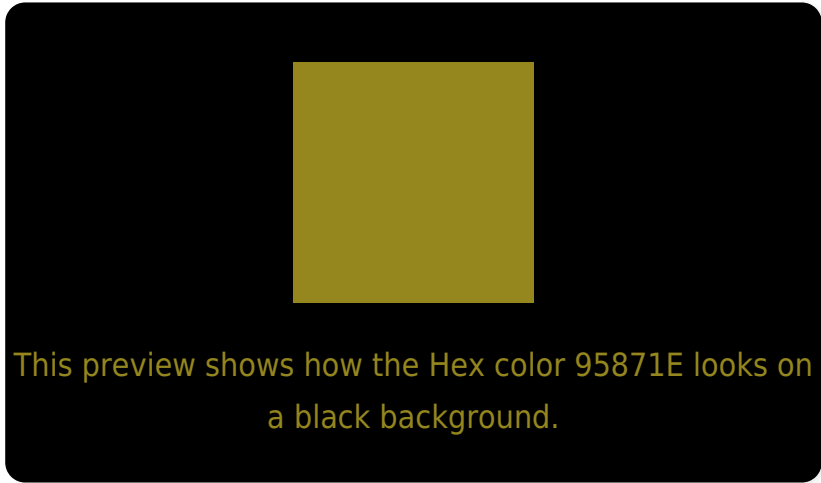
Large Text (above 18pt) WCAG AA ✓ Pass

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 95871E Background



This preview shows how black text looks on a background with the Hex color 95871E.



This preview shows how white text looks on a background with the Hex color 95871E.

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
95871E

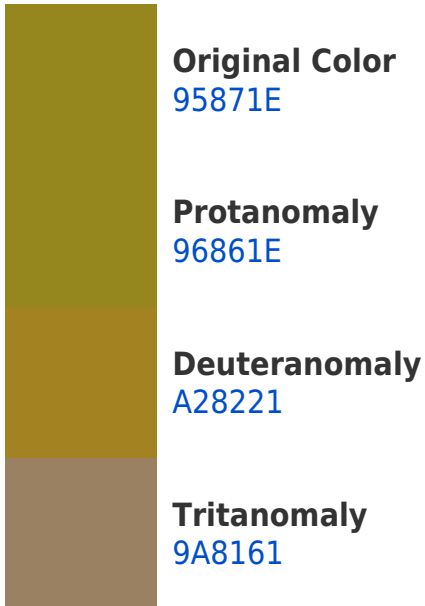
Protanopia
97861E

Deuteranopia
A97F22



Tritanopia
9D7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95871E 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 #95871E looks like.

```
.text, #text, p{  
    color:#95871E  
}
```

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 #95871E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95871E
}
```

Border

The CSS property to change the border of an element to Hex 95871E 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
#95871E }
```

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

```
.border{ border-color:#95871E }
```

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

Here you see how a box with a 4 pixel #95871E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95871E; -webkit-box-shadow:4px 4px  
4px 4px #95871E; box-shadow:4px 4px 4px  
4px #95871E }
```

Background

The CSS property to change the background color of an element to Hex 95871E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95871E }
```

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

```
.background{ background-color:#95871E }
```

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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