

# Converting Colors

Hex(95782B)

Have a look what the booklet for  
Hex(95782B) contains.

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**Color**

**Hex(95782B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95782B
RGB	149, 120, 43
RGB Percent	58%, 47%, 17%
CMY	0.4157, 0.5294, 0.8314
CMYK	0.00, 0.19, 0.71, 0.42
HSL	44°, 55%, 38%
HSV	44°, 71%, 58%
XYZ	19.5469, 19.9969, 5.1151
YIQ	119.8930, 42.0010, -17.7990

# Conversions

## Conversions Part 2

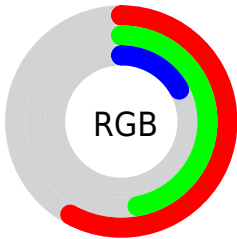
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 149, 43
Decimal	9795627
CIE <sub>Lab</sub>	51.83, 2.75, 44.79
CIE <sub>LCh</sub>	52, 44.874, 86.492
Yxy	19.9969, 0.4377, 0.4478
Android (android.graphics.Color)	4287985707 (0xFF95782B)
YUV	119.8930, -37.9082, 25.5268
Hunter-Lab	44.7179, -0.2310, 24.5207

# Details

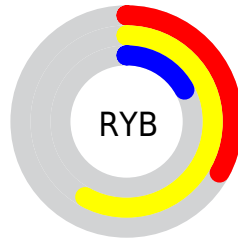
The Hex color **95782B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2B4895**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CEAC5D**, and **5F4800** is the 20% darker color. If you saturate the color by 10%, you get **95741C**, and if you desaturate by 10%, it is **957C3A**.

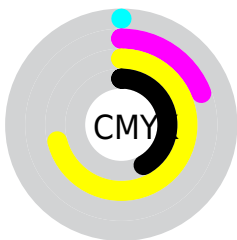
# Distribution



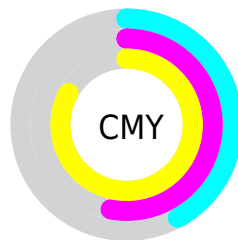
- Red (58%)
- Green (47%)
- Blue (17%)



- Red (33%)
- Yellow (58%)
- Blue (17%)



- Cyan (0%)
- Magenta (19%)
- Yellow (71%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95782B 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 95782B by changing the saturation by 10% instead.





95782B



95782B

FFFFFF



795F10



CEAC5D



5F4800



EBC777



453200



FFE391



2B1D00



FFFFAC



100400



FFFFC8



000000



FFFFE5



95782B



95782B



95741C



957C3A

■ 95700D

■ 958049

■ 956C00

■ 958458

■ 958867

■ 958C76

■ 959084

■ 959593

■ 9599A2

■ 959DB1

# Harmonies

## Analogous

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



B26A3C



95782B



6F8333

# Triad

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



95782B



008E9D



A664A7

# Complementary

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



95782B



2B4895

# 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.



7673C0



95782B



008ABB

# Square

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



95782B



008E76



0D81C8



BF5A82

# Rectangle

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



95782B



518944



0D81C8



9969B1



# Sweetspot

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



95782B



C2B799



952B49



615A49



E0E0E0



616161



# Same Dimension

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



95782B



C2951D



7E952B



4A4843



8A6400



0A0700



# Inverse Universe

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



2B4895



1D4AC2



422B95



43454A



00268A

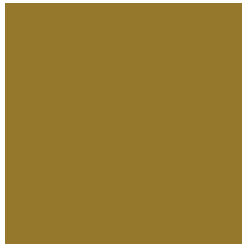


00030A



# Previews

## White Background



This preview shows how the Hex color 95782B looks on a white background.

## Color Contrast Check

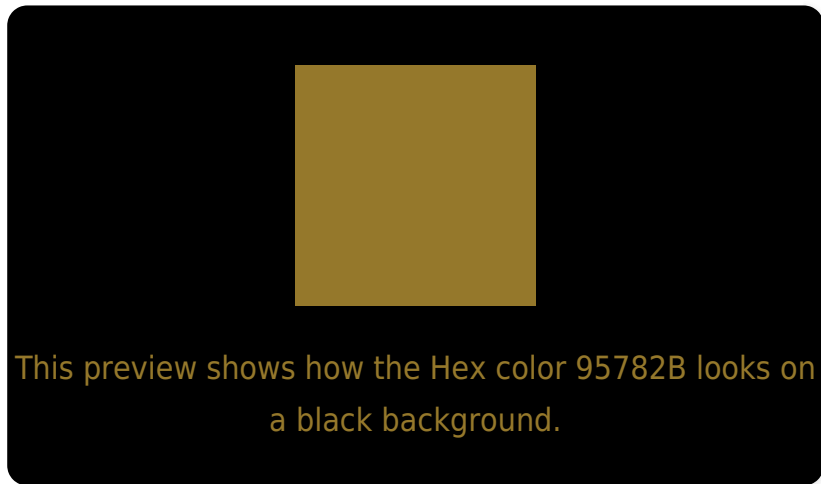
Large Text (above 18pt) WCAG AA ✓ Pass

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 95782B Background



This preview shows how black text looks on a background with the Hex color 95782B.



This preview shows how white text looks on a background with the Hex color 95782B.

# 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**  
95782B

**Protanopia**  
8A7C2C

**Deuteranopia**  
9B762C



**Tritanopia**  
9B7079

# Trichromacy



**Original Color**  
95782B

**Protanomaly**  
8E7B2C

**Deuteranomaly**  
99772C

**Tritanomaly**  
99735D

# Monochromacy



**Original Color**  
95782B

**Achromatopsia**  
787878

**Achromatomaly**  
83785C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95782B 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 #95782B looks like.

```
.text, #text, p{  
    color:#95782B  
}
```

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 #95782B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95782B
}
```

## Border

The CSS property to change the border of an element to Hex 95782B 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
#95782B }
```

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

```
.border{ border-color:#95782B }
```

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

Here you see how a box with a 4 pixel #95782B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95782B; -webkit-box-shadow:4px 4px  
4px 4px #95782B; box-shadow:4px 4px 4px  
4px #95782B }
```

# Background

The CSS property to change the background color of an element to Hex 95782B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95782B }
```

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

```
.background{ background-color:#95782B }
```

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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