

# Converting Colors

Hex(95780F)

Have a look what the booklet for  
Hex(95780F) contains.

<b>Hex(95780F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(95780F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95780F
RGB	149, 120, 15
RGB Percent	58%, 47%, 6%
CMY	0.4157, 0.5294, 0.9412
CMYK	0.00, 0.19, 0.90, 0.42
HSL	47°, 82%, 32%
HSV	47°, 90%, 58%
XYZ	19.1971, 19.8570, 3.2729
YIQ	116.7010, 50.9890, -26.5070

# Conversions

## Conversions Part 2

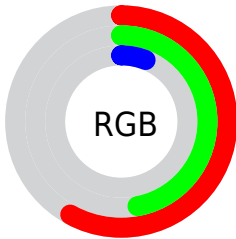
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 149, 15
Decimal	9795599
CIE Lab	51.68, 1.66, 54.50
CIE LCh	52, 54.521, 88.257
Yxy	19.8570, 0.4535, 0.4691
Android (android.graphics.Color)	4287985679 (0xFF95780F)
YUV	116.7010, -50.1386, 28.3262
Hunter-Lab	44.5612, -1.0836, 26.8381

# Details

The Hex color **95780F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0F2C95**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CFAC48**, and **5E4800** is the 20% darker color. If you saturate the color by 10%, you get **957500**, and if you desaturate by 10%, it is **957B1E**.

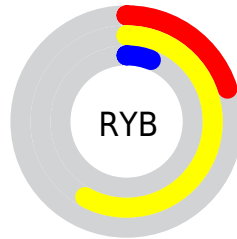
# Distribution



Red (58%)

Green (47%)

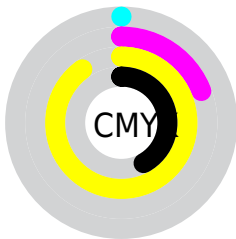
Blue (6%)



Red (20%)

Yellow (58%)

Blue (6%)

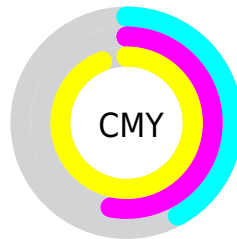


Cyan (0%)

Magenta (19%)

Yellow (90%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95780F 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 95780F by changing the saturation by 10% instead.



 95780F

 95780F

FFFFFF

 795F00

 CFAC48

 5E4800

 ECC762

 433200

 FFE37D

 2A1D00

 FFFF98

 0D0500

 FFFFB3

 000000

 FFFF00

 FFFFEC

 95780F

 95780F

■ 957500

■ 957B1E

■ 957E2D

■ 95823C

■ 95854B

■ 95885A

■ 958B68

■ 958F77

■ 959286

■ 959595

# Harmonies

## Analogous

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



B8662A



95780F



67851F

# Triad

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



95780F



0091A6



B15BAD

# Complementary

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



95780F



0F2C95

# 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.



7670CE



95780F



008CCA

# Square

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



95780F



009177



0081D9



CC4E80

# Rectangle

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



95780F



3F8B39



0081D9



A162BA



# Sweetspot

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



95780F



C2B68D



950F2C



615A42



E0E0E0



616161



# Same Dimension

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



95780F



C29800



6F950F



4A4843



8A6C00



0A0800



# Inverse Universe

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



0F2C95



002AC2



350F95



43444A



001E8A

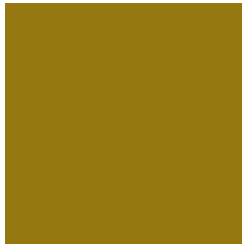


00020A



# Previews

## White Background



This preview shows how the Hex color 95780F looks on a white background.

## Color Contrast Check

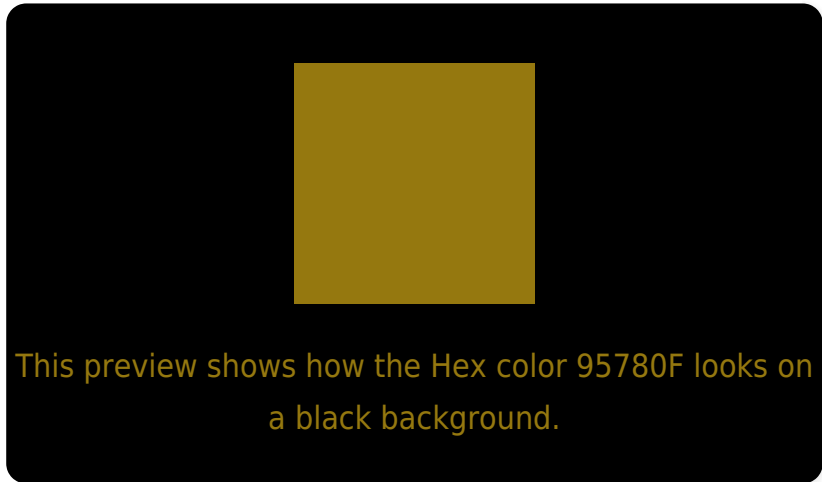
Large Text (above 18pt) WCAG AA ✓ Pass

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 95780F Background



This preview shows how black text looks on a background with the Hex color 95780F.



This preview shows how white text looks on a background with the Hex color 95780F.

# 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**  
95780F

**Protanopia**  
8B7C10

**Deuteranopia**  
9C7512

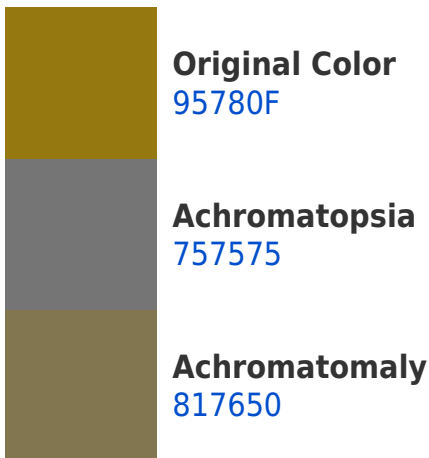


**Tritanopia**  
9B7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95780F 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 #95780F looks like.

```
.text, #text, p{  
    color:#95780F  
}
```

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 #95780F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95780F
}
```

## Border

The CSS property to change the border of an element to Hex 95780F is called "border". The border property can be set on classes, ids or directly on the HTML element.

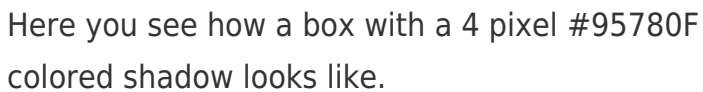
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95780F }
```

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

```
.border{ border-color:#95780F }
```

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



Here you see how a box with a 4 pixel #95780F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95780F; -webkit-box-shadow:4px 4px  
4px 4px #95780F; box-shadow:4px 4px 4px  
4px #95780F }
```

# Background

The CSS property to change the background color of an element to Hex 95780F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95780F }
```

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

```
.background{ background-color:#95780F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor