

# Converting Colors

Hex(93771A)

Have a look what the booklet for  
Hex(93771A) contains.

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**Color**

**Hex(93771A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93771A
RGB	147, 119, 26
RGB Percent	58%, 47%, 10%
CMY	0.4235, 0.5333, 0.8980
CMYK	0.00, 0.19, 0.82, 0.42
HSL	46°, 70%, 34%
HSV	46°, 82%, 58%
XYZ	18.8159, 19.4713, 3.7439
YIQ	116.7700, 46.5410, -22.9870

# Conversions

## Conversions Part 2

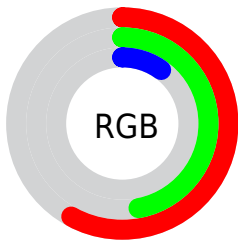
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 147, 26
Decimal	9664282
CIE Lab	51.23, 1.60, 50.89
CIE LCh	51, 50.910, 88.194
Yxy	19.4713, 0.4477, 0.4633
Android (android.graphics.Color)	4287854362 (0xFF93771A)
YUV	116.7700, -44.7496, 26.5117
Hunter-Lab	44.1263, -1.1067, 25.8579

# Details

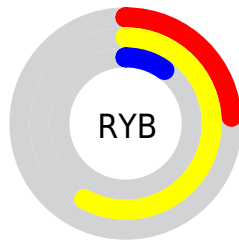
The Hex color **93771A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A3693**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CCAB4F**, and **5C4700** is the 20% darker color. If you saturate the color by 10%, you get **93740B**, and if you desaturate by 10%, it is **937A29**.

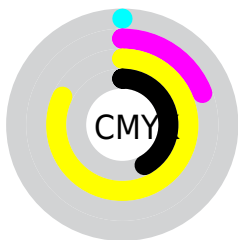
# Distribution



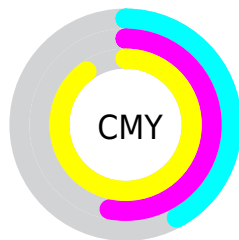
- Red (58%)
- Green (47%)
- Blue (10%)



- Red (24%)
- Yellow (58%)
- Blue (10%)



- Cyan (0%)
- Magenta (19%)
- Yellow (82%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93771A 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 93771A by changing the saturation by 10% instead.



 93771A

 93771A

FFFFFF

 775E00

 CCAB4F

 5C4700

 EAC669

 423100

 FFE283

 281C00

 FFFF9E

 0B0300

 FFFFBA

 000000

 FFFFD6

 FFFFF3

 93771A

 93771A

■ 93740B

■ 937A29

■ 937100

■ 937E37

■ 938146

■ 938555

■ 938863

■ 938B72

■ 938F81

■ 939290

■ 93969E

# Harmonies

## Analogous

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



B4662F



93771A



688426

# Triad

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



93771A



008EA2



AC5DA9

# Complementary

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



93771A



1A3693

# 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.



7670C7



93771A



008AC3

# Square

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



93771A



008F76



0080D1



C6517F

# Rectangle

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



93771A



43893D



0080D1



9E63B5



# Sweetspot

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



93771A



BFB48F



931A36



615A44



E0E0E0



616161



# Same Dimension

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



93771A



BF9302



73931A



4A4843



8A6A00



0A0800



# Inverse Universe

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



1A3693



022EBF



3A1A93



43444A



00208A



00020A



# Previews

## White Background



This preview shows how the Hex color 93771A looks on a white background.

## Color Contrast Check

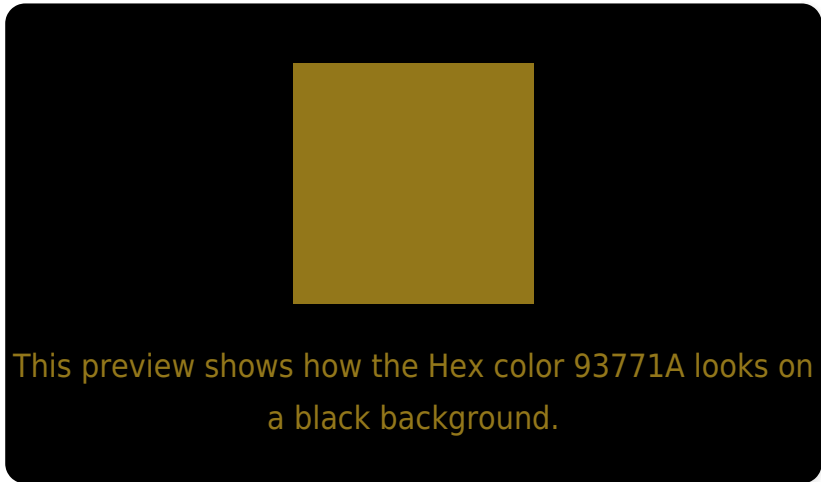
Large Text (above 18pt) WCAG AA ✓ Pass

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 93771A Background



This preview shows how black text looks on a background with the Hex color 93771A.



This preview shows how white text looks on a background with the Hex color 93771A.

# 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**  
93771A

**Protanopia**  
8A7B1B

**Deuteranopia**  
9A741C



**Tritanopia**  
996F77

# Trichromacy



**Original Color**  
93771A

**Protanomaly**  
8D7A1B

**Deuteranomaly**  
97751B

**Tritanomaly**  
977255

# Monochromacy



**Original Color**  
93771A

**Achromatopsia**  
757575

**Achromatomaly**  
807654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93771A 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 #93771A looks like.

```
.text, #text, p{  
    color:#93771A  
}
```

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 #93771A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93771A
}
```

## Border

The CSS property to change the border of an element to Hex 93771A 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
#93771A }
```

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

```
.border{ border-color:#93771A }
```

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

Here you see how a box with a 4 pixel #93771A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93771A; -webkit-box-shadow:4px 4px  
4px 4px #93771A; box-shadow:4px 4px 4px  
4px #93771A }
```

# Background

The CSS property to change the background color of an element to Hex 93771A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93771A }
```

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

```
.background{ background-color:#93771A }
```

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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