

# Converting Colors

Hex(93660B)

Have a look what the booklet for  
Hex(93660B) contains.

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**Color**

**Hex(93660B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93660B
RGB	147, 102, 11
RGB Percent	58%, 40%, 4%
CMY	0.4235, 0.6000, 0.9569
CMYK	0.00, 0.31, 0.93, 0.42
HSL	40°, 86%, 31%
HSV	40°, 93%, 58%
XYZ	16.8444, 15.7299, 2.4650
YIQ	105.0810, 56.0310, -18.7610

# Conversions

## Conversions Part 2

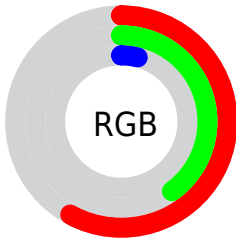
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 147, 11
Decimal	9659915
CIE Lab	46.62, 10.94, 51.38
CIE LCh	47, 52.537, 77.976
Yxy	15.7299, 0.4807, 0.4489
Android (android.graphics.Color)	4287849995 (0xFF93660B)
YUV	105.0810, -46.3819, 36.7630
Hunter-Lab	39.6610, 6.4039, 24.0777

# Details

The Hex color **93660B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B3893**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CD9943**, and **5B3700** is the 20% darker color. If you saturate the color by 10%, you get **936200**, and if you desaturate by 10%, it is **936B1A**.

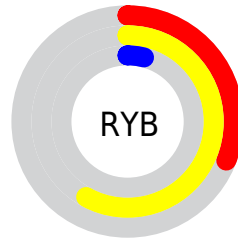
# Distribution



Red (58%)

Green (40%)

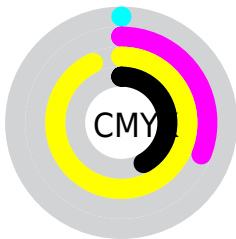
Blue (4%)



Red (31%)

Yellow (58%)

Blue (4%)

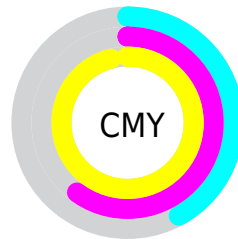


Cyan (0%)

Magenta (31%)

Yellow (93%)

Black (42%)



Cyan (42%)

Magenta (60%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93660B 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 93660B by changing the saturation by 10% instead.



 93660B

 93660B

FFFFFF

 774E00

 CD9943

 5B3700

 EBB35C

 402200

 FFCF77

 270E00

 FFEB91

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 93660B

 93660B

■ 936200

■ 936B1A

■ 937028

■ 937537

■ 937946

■ 937E55

■ 938363

■ 938872

■ 938D81

■ 93928F

# Harmonies

## Analogous

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



B0542E



93660B



6B7409

# Triad

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



93660B



008388



9257AA

# Complementary

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



93660B



0B3893

# 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.



4A6AC3



93660B



0081AF

# Square

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



93660B



00825B



0079C5



B54582

# Rectangle

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



93660B



4A7B22



0079C5



7F5DB4



# Sweetspot

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



93660B



BFAE8A



930B38



615640



E0E0E0



616161



# Same Dimension

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



93660B



BF8000



7C930B



4A4843



8A5C00



0A0700



# Inverse Universe

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



0B3893



003FBF



220B93



43454A



002E8A

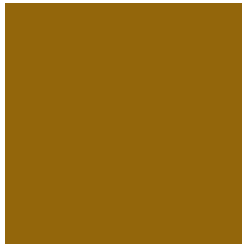


00030A



# Previews

## White Background



This preview shows how the Hex color 93660B looks on a white background.

## Color Contrast Check

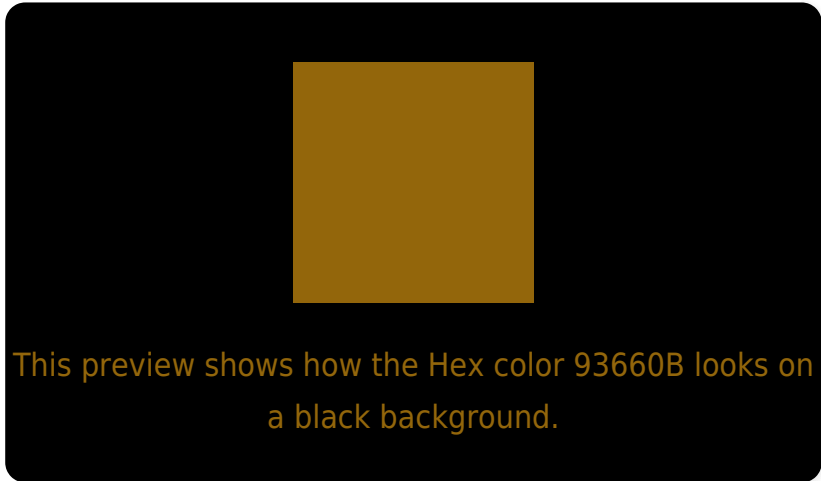
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93660B Background



This preview shows how black text looks on a background with the Hex color 93660B.



This preview shows how white text looks on a background with the Hex color 93660B.

# 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**  
93660B

**Protanopia**  
7D6F0E

**Deuteranopia**  
8C6905

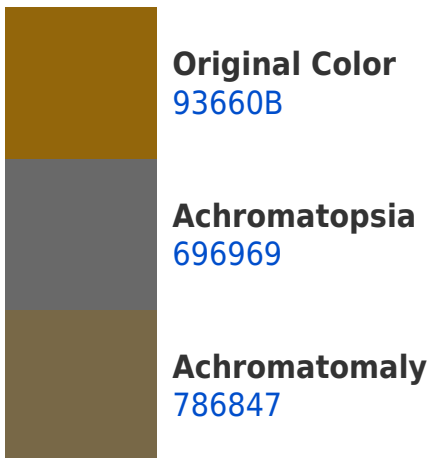


**Tritanopia**  
975F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93660B 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 #93660B looks like.

```
.text, #text, p{  
    color:#93660B  
}
```

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 #93660B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93660B
}
```

## Border

The CSS property to change the border of an element to Hex 93660B 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
#93660B }
```

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

```
.border{ border-color:#93660B }
```

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

Here you see how a box with a 4 pixel #93660B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93660B; -webkit-box-shadow:4px 4px  
4px 4px #93660B; box-shadow:4px 4px 4px  
4px #93660B }
```

# Background

The CSS property to change the background color of an element to Hex 93660B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93660B }
```

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

```
.background{ background-color:#93660B }
```

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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