

Converting Colors

Hex(93740C)

Have a look what the booklet for
Hex(93740C) contains.

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Color

Hex(93740C)

Conversions

Conversions Part 1

Format	Color
Hex	93740C
RGB	147, 116, 12
RGB Percent	58%, 45%, 5%
CMY	0.4235, 0.5451, 0.9529
CMYK	0.00, 0.21, 0.92, 0.42
HSL	46°, 85%, 31%
HSV	46°, 92%, 58%
XYZ	18.3444, 18.7204, 2.9944
YIQ	113.4130, 51.8600, -25.7720

Conversions

Conversions Part 2

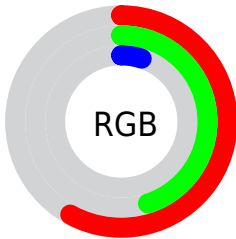
Format	Color
R_{YB}	52, 147, 12
Decimal	9663500
CIE _{Lab}	50.36, 2.92, 54.04
CIE _{LCh}	50, 54.121, 86.903
Yxy	18.7204, 0.4579, 0.4673
Android (android.graphics.Color)	4287853580 (0xFF93740C)
YUV	113.4130, -49.9966, 29.4558
Hunter-Lab	43.2670, -0.0368, 26.1837

Details

The Hex color **93740C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C2B93**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **CDA846**, and **5C4400** is the 20% darker color. If you saturate the color by 10%, you get **937100**, and if you desaturate by 10%, it is **93771B**.

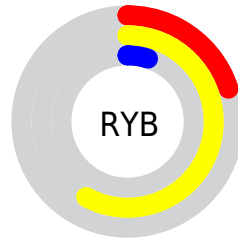
Distribution



Red (58%)

Green (45%)

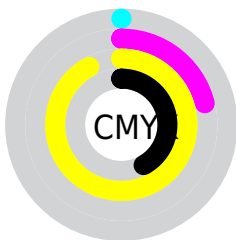
Blue (5%)



Red (20%)

Yellow (58%)

Blue (5%)

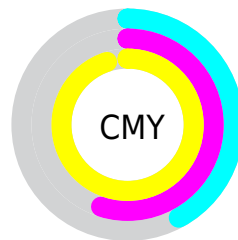


Cyan (0%)

Magenta (21%)

Yellow (92%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93740C 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 93740C by changing the saturation by 10% instead.



93740C



93740C

FFFFFF



775C00



CDA846



5C4400



EAC360



412E00



FFDF7A



281A00



FFFB95



0A0000



FFFFB1



000000



FFFPCD



FFFPEA



93740C



93740C

■ 937100

■ 93771B

■ 937B29

■ 937E38

■ 938247

■ 938556

■ 938864

■ 938C73

■ 938F82

■ 939290

Harmonies

Analogous

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



B56229



93740C



66811B

Triad

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



93740C



008DA0



AB59AB

Complementary

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



93740C



0C2B93

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.



6F6ECA



93740C



0089C5

Square

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



93740C



008D71



007FD4



C74B7F

Rectangle

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



93740C



3F8734



007FD4



9B60B7

Sweetspot

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



93740C



BFB38A



930C2C



615940



E0E0E0



616161

Same Dimension

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



93740C



BF9300



6F930C



4A4843



8A6A00



0A0800

Inverse Universe

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



0C2B93



002CBF



300C93



43444A



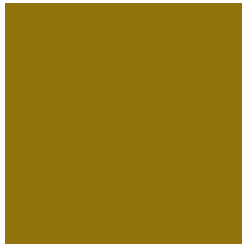
00208A



00020A

Previews

White Background



This preview shows how the Hex color 93740C looks on a white background.

Color Contrast Check

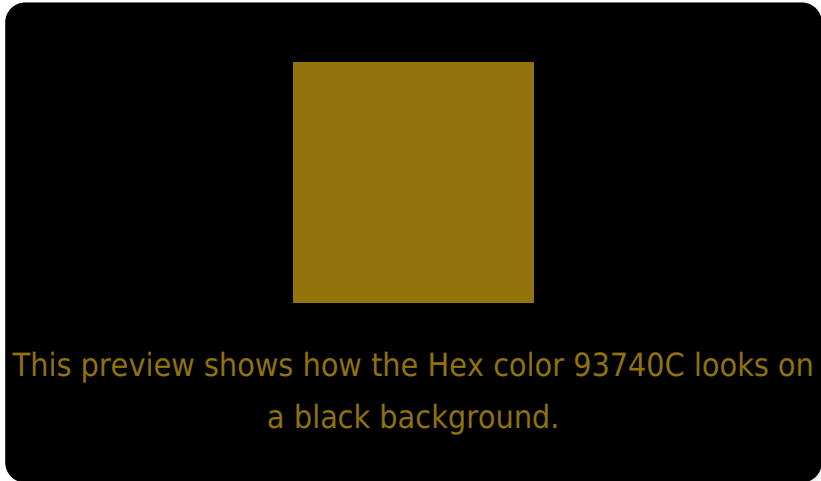
Large Text (above 18pt) WCAG AA ✓ Pass

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 93740C Background



This preview shows how black text looks on a background with the Hex color 93740C.



This preview shows how white text looks on a background with the Hex color 93740C.

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
93740C

Protanopia
87780E

Deuteranopia
98720E



Tritanopia
996C74

Trichromacy



Original Color
93740C

Protanomaly
8B770D

Deuteranomaly
96730D

Tritanomaly
976F4E

Monochromacy



Original Color
93740C

Achromatopsia
717171

Achromatomaly
7D724C

CSS Examples

Text

The CSS property to change the color of the text to Hex 93740C 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 #93740C looks like.

```
.text, #text, p{  
    color:#93740C  
}
```

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 #93740C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93740C  
}
```

Border

The CSS property to change the border of an element to Hex 93740C 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  
#93740C }
```

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

```
.border{ border-color:#93740C }
```

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

Here you see how a box with a 4 pixel #93740C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93740C; -webkit-box-shadow:4px 4px  
4px 4px #93740C; box-shadow:4px 4px 4px  
4px #93740C }
```

Background

The CSS property to change the background color of an element to Hex 93740C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93740C }
```

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

```
.background{ background-color:#93740C }
```

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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