

Converting Colors

Hex(93390C)

Have a look what the booklet for
Hex(93390C) contains.

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Color

Hex(93390C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 93390C |
| RGB | 147, 57, 12 |
| RGB Percent | 58%, 22%, 5% |
| CMY | 0.4235, 0.7765, 0.9529 |
| CMYK | 0.00, 0.61, 0.92, 0.42 |
| HSL | 20°, 85%, 31% |
| HSV | 20°, 92%, 58% |
| XYZ | 13.5621, 9.1558, 1.4003 |
| YIQ | 78.7800, 68.0850, 5.0850 |

Conversions

Conversions Part 2

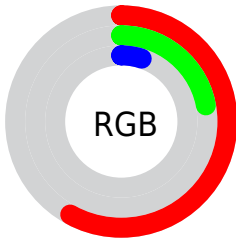
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 80, 12 |
| Decimal | 9648396 |
| CIE Lab | 36.28, 35.92, 43.28 |
| CIE LCh | 36, 56.248, 50.312 |
| Yxy | 9.1558, 0.5623, 0.3796 |
| Android (android.graphics.Color) | 4287838476 (0xFF93390C) |
| YUV | 78.7800, -32.9225, 59.8289 |
| Hunter-Lab | 30.2586, 27.0523, 18.4373 |

Details

The Hex color **93390C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0C6693**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **CF6B3C**, and **590300** is the 20% darker color. If you saturate the color by 10%, you get **933100**, and if you desaturate by 10%, it is **93431B**.

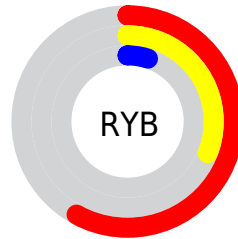
Distribution



Red (58%)

Green (22%)

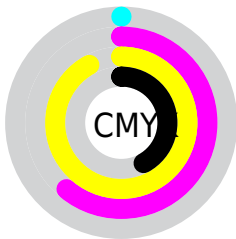
Blue (5%)



Red (58%)

Yellow (31%)

Blue (5%)

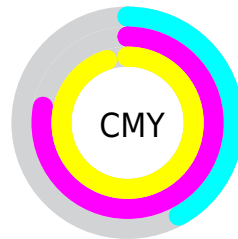


Cyan (0%)

Magenta (61%)

Yellow (92%)

Black (42%)



Cyan (42%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93390C 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 93390C by changing the saturation by 10% instead.

 93390C

 93390C

 FFFFF6

 762000

 CF6B3C

 590300

 EE8555

 3D0000

 FFA06E

 220001

 FFBC88

 000000

 FFD8A2

 FFF5BE

 FFFFDA

 93390C

 93390C

■ 933100

■ 93431B

■ 934D29

■ 935638

■ 936047

■ 936A56

■ 937464

■ 937E73

■ 938782

■ 939190

Harmonies

Analogous

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



A32139



93390C



744E00

Triad

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



93390C



006845



2A50AB

Complementary

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



93390C



0C6693

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.



005FAF



93390C



006974

Square

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



93390C



006414



00679B



7C3990

Rectangle

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



93390C



5A5800



00679B



0056AF

Sweetspot

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



93390C



BF9C8A



930C66



614B40



E0E0E0



616161

Same Dimension

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



93390C



BF4000



937D0C



4A4543



8A2E00



0A0300

Inverse Universe

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



0C6693



007FBF



0C2393



43474A



005C8A



00070A

Previews

White Background



This preview shows how the Hex color 93390C looks on a white background.

Color Contrast Check

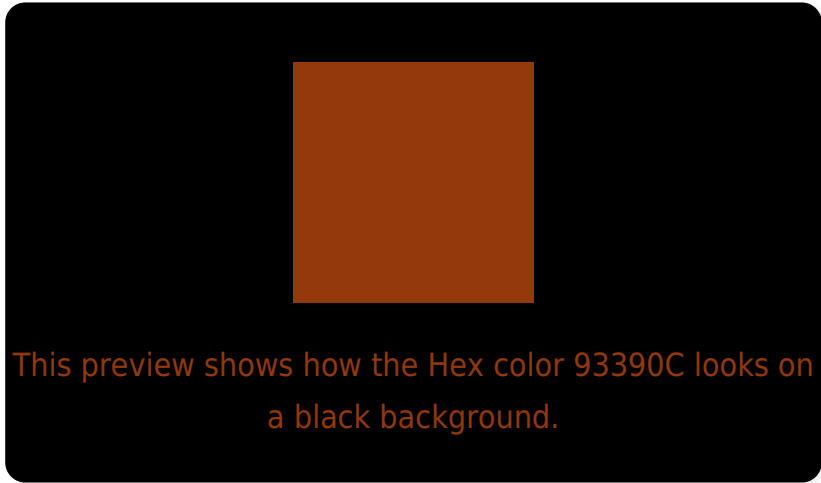
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 93390C Background



This preview shows how black text looks on a background with the Hex color 93390C.



This preview shows how white text looks on a background with the Hex color 93390C.

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
93390C

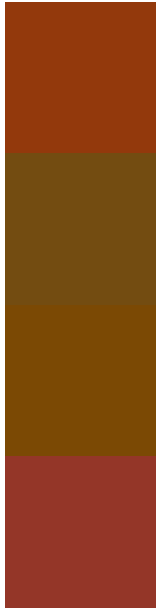
Protanopia
615714

Deuteranopia
6D5200



Tritanopia
943538

Trichromacy



Original Color
93390C

Protanomaly
734C11

Deuteranomaly
7B4904

Tritanomaly
943628

Monochromacy



Original Color
93390C

Achromatopsia
4F4F4F

Achromatomaly
684737

CSS Examples

Text

The CSS property to change the color of the text to Hex 93390C 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 #93390C looks like.

```
.text, #text, p{  
    color:#93390C  
}
```

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 #93390C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93390C
}
```

Border

The CSS property to change the border of an element to Hex 93390C is called "border". The border property can be set on classes, ids or directly on the HTML element.

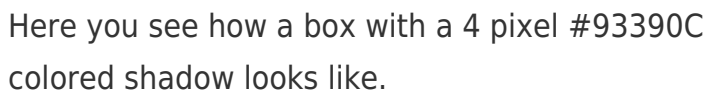
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93390C }
```

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

```
.border{ border-color:#93390C }
```

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



Here you see how a box with a 4 pixel #93390C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93390C; -webkit-box-shadow:4px 4px  
4px 4px #93390C; box-shadow:4px 4px 4px  
4px #93390C }
```

Background

The CSS property to change the background color of an element to Hex 93390C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93390C }
```

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

```
.background{ background-color:#93390C }
```

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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