

Converting Colors

Hex(93301A)

Have a look what the booklet for
Hex(93301A) contains.

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Color

Hex(93301A)

Conversions

Conversions Part 1

Format	Color
Hex	93301A
RGB	147, 48, 26
RGB Percent	58%, 19%, 10%
CMY	0.4235, 0.8118, 0.8980
CMYK	0.00, 0.67, 0.82, 0.42
HSL	11°, 70%, 34%
HSV	11°, 82%, 58%
XYZ	13.2760, 8.3915, 1.8973
YIQ	75.0930, 66.0660, 14.1460

Conversions

Conversions Part 2

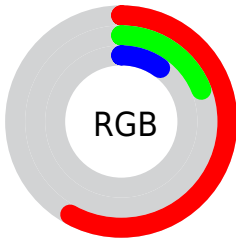
Format	Color
R_{YB}	147, 53, 26
Decimal	9646106
CIE Lab	34.79, 40.52, 35.71
CIE LCh	35, 54.013, 41.387
Yxy	8.3915, 0.5634, 0.3561
Android (android.graphics.Color)	4287836186 (0xFF93301A)
YUV	75.0930, -24.2028, 63.0624
Hunter-Lab	28.9681, 31.1119, 16.3945

Details

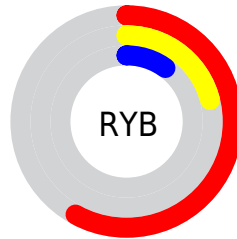
The Hex color **93301A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1A7D93**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **CF6347**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **93240B**, and if you desaturate by 10%, it is **933C29**.

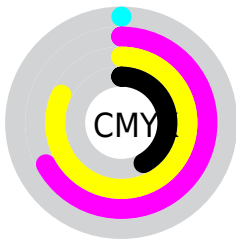
Distribution



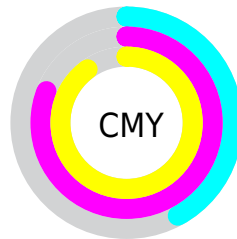
- Red (58%)
- Green (19%)
- Blue (10%)



- Red (58%)
- Yellow (21%)
- Blue (10%)



- Cyan (0%)
- Magenta (67%)
- Yellow (82%)
- Black (42%)



- Cyan (42%)
- Magenta (81%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93301A 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 93301A by changing the saturation by 10% instead.

 93301A

 93301A

FFFFFF

 761402

 CF6347

 590000

 EE7E60

 3D0000

 FF9879

 200001

 FFB493

 000000

 FFD0AD

 FFEDC9

 FFFF E5

 93301A

 93301A

■ 93240B

■ 933C29

■ 931B00

■ 934837

■ 935446

■ 936055

■ 936C63

■ 937872

■ 938481

■ 939090

■ 939C9E

Harmonies

Analogous

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



9D1D43



93301A



794600

Triad

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



93301A



006334



0052A7

Complementary

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



93301A



1A7D93

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.



005EA4



93301A



006562

Square

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



93301A



215E02



00648A



673E93

Rectangle

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



93301A



625100



00648A



0057A9

Sweetspot

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



93301A



BF988F



931A7F



614944



E0E0E0



616161

Same Dimension

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



93301A



BF2402



936B1A



4A4443



8A1900



0A0200

Inverse Universe

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



1A7D93



029DBF



1A4293



43494A



00718A



00080A

Previews

White Background



This preview shows how the Hex color 93301A looks on a white background.

Color Contrast Check

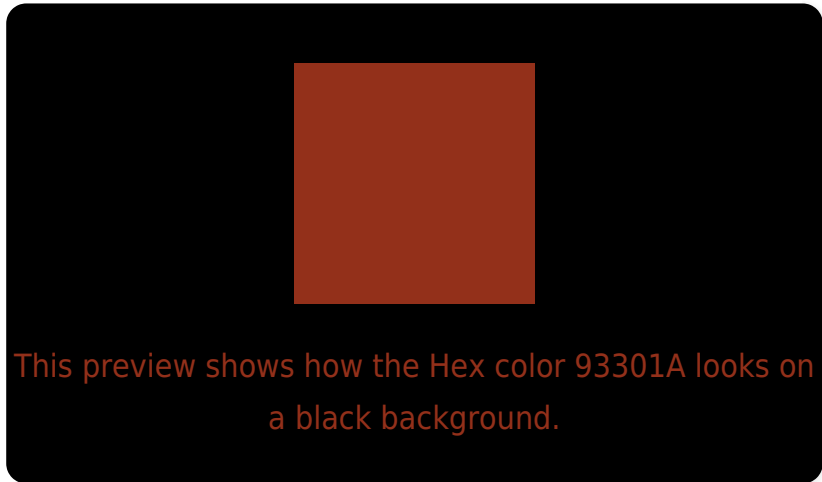
Large Text (above 18pt) WCAG AA ✓ Pass

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 93301A Background



This preview shows how black text looks on a background with the Hex color 93301A.



This preview shows how white text looks on a background with the Hex color 93301A.

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
93301A

Protanopia
5C5323

Deuteranopia
694F0F



Tritanopia
942E30

Trichromacy



Original Color
93301A

Protanomaly
704620

Deuteranomaly
784413

Tritanomaly
942F28

Monochromacy



Original Color
93301A

Achromatopsia
4B4B4B

Achromatomaly
654139

CSS Examples

Text

The CSS property to change the color of the text to Hex 93301A 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 #93301A looks like.

```
.text, #text, p{  
    color:#93301A  
}
```

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 #93301A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93301A
}
```

Border

The CSS property to change the border of an element to Hex 93301A 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".

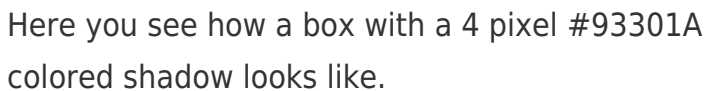
```
.border, #border, table{ border:4px solid
#93301A }
```

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

```
.border{ border-color:#93301A }
```

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

Here you see how a box with a 4 pixel #93301A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93301A; -webkit-box-shadow:4px 4px  
4px 4px #93301A; box-shadow:4px 4px 4px  
4px #93301A }
```

Background

The CSS property to change the background color of an element to Hex 93301A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93301A }
```

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

```
.background{ background-color:#93301A }
```

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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