

Converting Colors

Hex(933200)

Have a look what the booklet for
Hex(933200) contains.

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Color

Hex(933200)

Conversions

Conversions Part 1

Format	Color
Hex	933200
RGB	147, 50, 0
RGB Percent	58%, 20%, 0%
CMY	0.4235, 0.8039, 1.0000
CMYK	0.00, 0.66, 1.00, 0.42
HSL	20°, 100%, 29%
HSV	20°, 100%, 58%
XYZ	13.1732, 8.4842, 0.9433
YIQ	73.3030, 73.8620, 5.0140

Conversions

Conversions Part 2

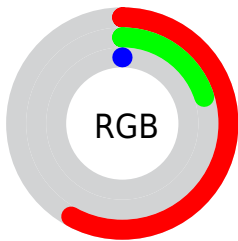
Format	Color
RYB	147, 76, 0
Decimal	9646592
CIELab	34.97, 39.05, 46.80
CIElCh	35, 60.954, 50.161
Yxy	8.4842, 0.5829, 0.3754
Android (android.graphics.Color)	4287836672 (0xFF933200)
YUV	73.3030, -36.1384, 64.6323
Hunter-Lab	29.1277, 29.7544, 18.4693

Details

The Hex color **933200** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006193**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **D06533**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **933200**, and if you desaturate by 10%, it is **933C0F**.

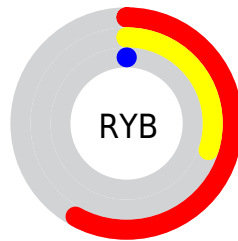
Distribution



Red (58%)

Green (20%)

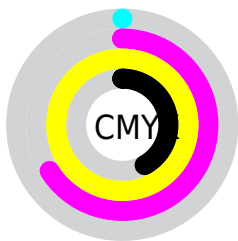
Blue (0%)



Red (58%)

Yellow (30%)

Blue (0%)

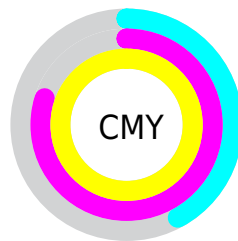


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933200 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 933200 by changing the saturation by 10% instead.

 933200

 933200

 FFFFEC

 751700

 D06533

 580000

 EF7F4B

 3C0000

 FF9A64

 1F0001

 FFB57E

 000000

 FFD198

 FFEEB3

 FFFFCE

 933200

 933C0F

 93451D

 934F2C

 93593B

 93624A

 936C58

 937667

 938076

 938984

Harmonies

Analogous

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



A40E34



933200



724A00

Triad

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



933200



006640



124DAF

Complementary

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



933200



006193

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.



005DB3



933200



006773

Square

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



933200



006205



00659D



7B3191

Rectangle

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



933200



575500



00659D



0053B3

Sweetspot

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



933200



BF9986



930062



614A3E



E0E0E0



616161

Same Dimension

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



933200



BF4100



937A00



4A4543



8A2F00



0A0300

Inverse Universe

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



006193



007EBF



001993



43474A



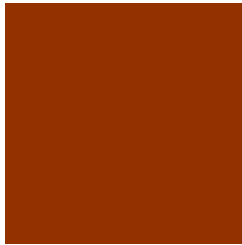
005B8A



00070A

Previews

White Background



This preview shows how the Hex color 933200 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 933200 Background



This preview shows how black text looks on a background with the Hex color 933200.



This preview shows how white text looks on a background with the Hex color 933200.

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
933200

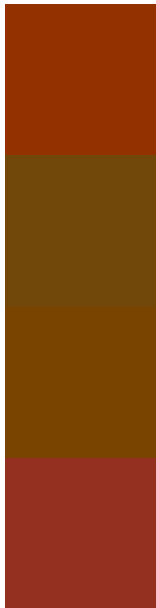
Protanopia
5E540F

Deuteranopia
694F00



Tritanopia
942F31

Trichromacy



Original Color
933200

Protanomaly
71480A

Deuteranomaly
784400

Tritanomaly
94301F

Monochromacy



Original Color
933200

Achromatopsia
494949

Achromatomaly
64412E

CSS Examples

Text

The CSS property to change the color of the text to Hex 933200 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 #933200 looks like.

```
.text, #text, p{  
    color:#933200  
}
```

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 #933200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933200
}
```

Border

The CSS property to change the border of an element to Hex 933200 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
#933200 }
```

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

```
.border{ border-color:#933200 }
```

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

Here you see how a box with a 4 pixel #933200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933200; -webkit-box-shadow:4px 4px  
4px 4px #933200; box-shadow:4px 4px 4px  
4px #933200 }
```

Background

The CSS property to change the background color of an element to Hex 933200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933200 }
```

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

```
.background{ background-color:#933200 }
```

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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