

Converting Colors

Hex(953B00)

Have a look what the booklet for
Hex(953B00) contains.

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Color

Hex(953B00)

Conversions

Conversions Part 1

Format	Color
Hex	953B00
RGB	149, 59, 0
RGB Percent	58%, 23%, 0%
CMY	0.4157, 0.7686, 1.0000
CMYK	0.00, 0.60, 1.00, 0.42
HSL	24°, 100%, 29%
HSV	24°, 100%, 58%
XYZ	13.9584, 9.5175, 1.1014
YIQ	79.1840, 72.5790, 0.7310

Conversions

Conversions Part 2

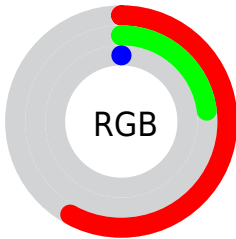
Format	Color
R_{YB}	149, 98, 0
Decimal	9779968
CIE Lab	36.96, 35.51, 48.06
CIE LCh	37, 59.757, 53.540
Yxy	9.5175, 0.5679, 0.3872
Android (android.graphics.Color)	4287970048 (0xFF953B00)
YUV	79.1840, -39.0377, 61.2286
Hunter-Lab	30.8504, 26.7747, 19.4786

Details

The Hex color **953B00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005A95**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D26D35**, and **5A0600** is the 20% darker color. If you saturate the color by 10%, you get **953B00**, and if you desaturate by 10%, it is **95440F**.

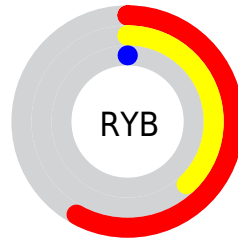
Distribution



Red (58%)

Green (23%)

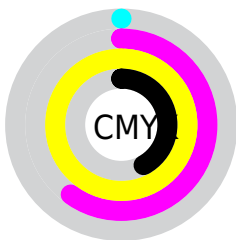
Blue (0%)



Red (58%)

Yellow (38%)

Blue (0%)

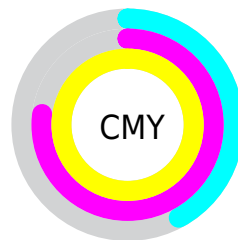


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953B00 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 953B00 by changing the saturation by 10% instead.

 953B00

 953B00

 FFFFEF

 782200

 D26D35

 5A0600

 F1874D

 3E0000

 FFA266

 240001

 FFBE80

 000000

 FFDA9B

 FFF7B6

 FFFFD2

 953B00

 95440F

 954D1E

 95562D

 955F3C

 95684B

 957159

 957A68

 958377

 958C86

Harmonies

Analogous

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



A81E34



953B00



735100

Triad

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



953B00



006B4B



364FB0

Complementary

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



953B00



005A95

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.



0060B8



953B00



006C7C

Square

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



953B00



006716



0069A4



853491

Rectangle

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



953B00



575C00



0069A4



0056B6

Sweetspot

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



953B00



C29F88



95005C



614C3E



E0E0E0



616161

Same Dimension

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



953B00



C24D00



958400



4A4543



8A3700



0A0400

Inverse Universe

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



005A95



0075C2



001195



43474A



00538A



00060A

Previews

White Background



This preview shows how the Hex color 953B00 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 953B00 Background



This preview shows how black text looks on a background with the Hex color 953B00.



This preview shows how white text looks on a background with the Hex color 953B00.

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
953B00

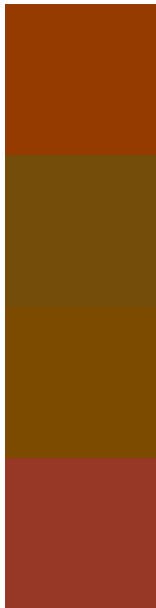
Protanopia
63580F

Deuteranopia
6F5400



Tritanopia
96373A

Trichromacy



Original Color
953B00

Protanomaly
754D0A

Deuteranomaly
7D4B00

Tritanomaly
963825

Monochromacy



Original Color
953B00

Achromatopsia
4F4F4F

Achromatomaly
684832

CSS Examples

Text

The CSS property to change the color of the text to Hex 953B00 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 #953B00 looks like.

```
.text, #text, p{  
    color:#953B00  
}
```

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 #953B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953B00
}
```

Border

The CSS property to change the border of an element to Hex 953B00 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
#953B00 }
```

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

```
.border{ border-color:#953B00 }
```

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

Here you see how a box with a 4 pixel #953B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953B00; -webkit-box-shadow:4px 4px  
4px 4px #953B00; box-shadow:4px 4px 4px  
4px #953B00 }
```

Background

The CSS property to change the background color of an element to Hex 953B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953B00 }
```

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

```
.background{ background-color:#953B00 }
```

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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