

Converting Colors

Hex(903401)

Have a look what the booklet for
Hex(903401) contains.

Hex(903401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(903401)

Conversions

Conversions Part 1

Format	Color
Hex	903401
RGB	144, 52, 1
RGB Percent	56%, 20%, 0%
CMY	0.4353, 0.7961, 0.9961
CMYK	0.00, 0.64, 0.99, 0.44
HSL	21°, 99%, 28%
HSV	21°, 99%, 56%
XYZ	12.7351, 8.3875, 0.9764
YIQ	73.6940, 71.2030, 3.6430

Conversions

Conversions Part 2

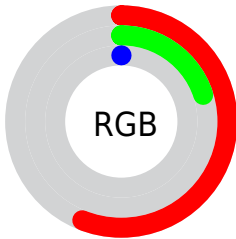
Format	Color
R_{YB}	144, 80, 1
Decimal	9450497
CIE Lab	34.78, 36.99, 45.99
CIE LCh	35, 59.021, 51.196
Yxy	8.3875, 0.5763, 0.3795
Android (android.graphics.Color)	4287640577 (0xFF903401)
YUV	73.6940, -35.8381, 61.6584
Hunter-Lab	28.9611, 27.8098, 18.2738

Details

The Hex color **903401** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **015D90**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **CD6634**, and **550000** is the 20% darker color. If you saturate the color by 10%, you get **903300**, and if you desaturate by 10%, it is **903D0F**.

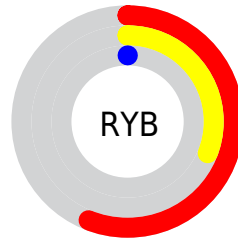
Distribution



Red (56%)

Green (20%)

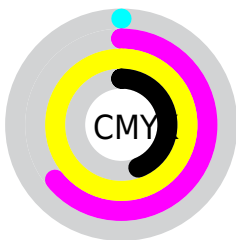
Blue (0%)



Red (56%)

Yellow (31%)

Blue (0%)

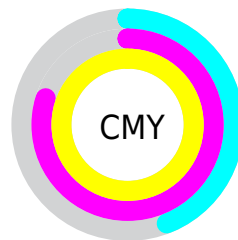


Cyan (0%)

Magenta (64%)

Yellow (99%)

Black (44%)



Cyan (44%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 903401 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 903401 by changing the saturation by 10% instead.

 903401

 903401

 FFFFED

 731A00

 CD6634

 550000

 EB804C

 3A0000

 FF9B65

 1C0001

 FFB67F

 000000

 FFD299

 FFEFB4

 FFFF00

 903401

 903401

■ 903300

■ 903D0F

■ 90471E

■ 90502C

■ 90593B

■ 906249

■ 906C57

■ 907566

■ 907E74

■ 908783

Harmonies

Analogous

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



A11533



903401



704B00

Triad

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



903401



006542



224CAB

Complementary

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



903401



015D90

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.



005CB0



903401



006673

Square

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



903401



00610C



00649B



7B328E

Rectangle

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



903401



555500



00649B



0052AF

Sweetspot

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



903401



BA9682



90015E



5E483C



DEDEDE



5E5E5E

Same Dimension

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



903401



BA4200



907B01



474340



873000



080300

Inverse Universe

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



015D90



0078BA



011690



404547



005787



000508

Previews

White Background



This preview shows how the Hex color 903401 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 903401 Background



This preview shows how black text looks on a background with the Hex color 903401.



This preview shows how white text looks on a background with the Hex color 903401.

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
903401

Protanopia
5D530F

Deuteranopia
694F00

Trichromacy



Original Color
903401

Protanomaly
70480A

Deuteranomaly
774500

Tritanomaly
913121

Monochromacy



Original Color
903401

Achromatopsia
4A4A4A

Achromatomaly
63422F

CSS Examples

Text

The CSS property to change the color of the text to Hex 903401 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 #903401 looks like.

```
.text, #text, p{  
    color:#903401  
}
```

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 #903401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903401
}
```

Border

The CSS property to change the border of an element to Hex 903401 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
#903401 }
```

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

```
.border{ border-color:#903401 }
```

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

Here you see how a box with a 4 pixel #903401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903401; -webkit-box-shadow:4px 4px  
4px 4px #903401; box-shadow:4px 4px 4px  
4px #903401 }
```

Background

The CSS property to change the background color of an element to Hex 903401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903401 }
```

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

```
.background{ background-color:#903401 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor