

# Converting Colors

Hex(943B04)

Have a look what the booklet for  
Hex(943B04) contains.

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**Color**

**Hex(943B04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	943B04
RGB	148, 59, 4
RGB Percent	58%, 23%, 2%
CMY	0.4196, 0.7686, 0.9843
CMYK	0.00, 0.60, 0.97, 0.42
HSL	23°, 95%, 30%
HSV	23°, 97%, 58%
XYZ	13.7986, 9.4326, 1.2083
YIQ	79.3410, 70.6990, 1.7630

# Conversions

## Conversions Part 2

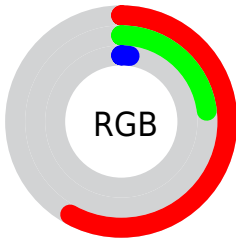
Format	Color
<a href="#">RYB</a>	148, 93, 4
Decimal	9714436
CIELab	36.80, 35.18, 46.43
CIElCh	37, 58.255, 52.848
Yxy	9.4326, 0.5646, 0.3860
Android (android.graphics.Color)	4287904516 (0xFF943B04)
YUV	79.3410, -37.1431, 60.2139
Hunter-Lab	30.7125, 26.4501, 19.1662

# Details

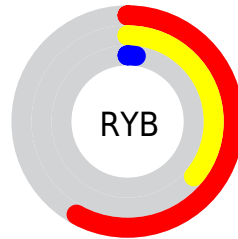
The Hex color **943B04** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **045D94**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D06D37**, and **590600** is the 20% darker color. If you saturate the color by 10%, you get **943900**, and if you desaturate by 10%, it is **944413**.

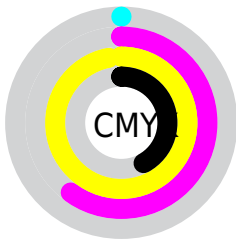
# Distribution



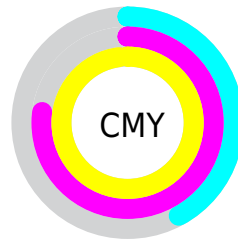
- Red (58%)
- Green (23%)
- Blue (2%)



- Red (58%)
- Yellow (36%)
- Blue (2%)



- Cyan (0%)
- Magenta (60%)
- Yellow (97%)
- Black (42%)



- Cyan (42%)
- Magenta (77%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 943B04 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 943B04 by changing the saturation by 10% instead.



 943B04

 943B04

 FFFFFF1

 772200

 D06D37

 590600

 EF8750

 3D0000

 FFA269

 230001

 FFBE83

 000000

 FFDA9D

 FFF6B9

 FFFF5

 943B04

 943B04

■ 943900

■ 944413

■ 944D22

■ 945630

■ 94603F

■ 94694E

■ 94725D

■ 947B6C

■ 94847A

■ 948D89

# Harmonies

## Analogous

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



A62036



943B04



735100

# Triad

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



943B04



006A49



354FAE

# Complementary

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



943B04



045D94

# 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.



0060B5



943B04



006B7A

# Square

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



943B04



006617



0068A1



833690

# Rectangle

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



943B04



575B00



0068A1



0056B3



# Sweetspot

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



943B04



BF9D88



94045F



614C3F



E0E0E0



616161



# Same Dimension

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



943B04



BF4900



948104



4A4543



8A3500



0A0400



# Inverse Universe

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



045D94



0076BF



041794



43474A



00558A

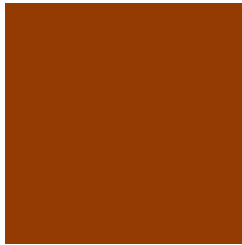


00060A



# Previews

## White Background



This preview shows how the Hex color 943B04 looks on a white background.

## Color Contrast Check

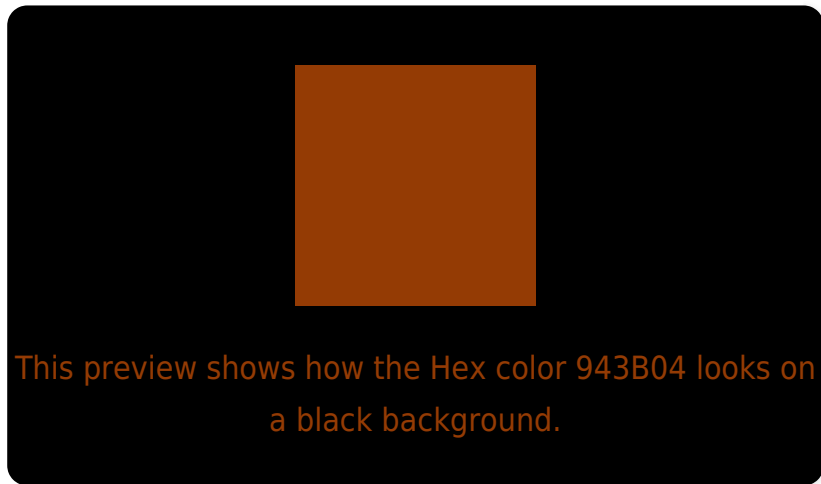
Large Text (above 18pt) WCAG AA ✓ Pass

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

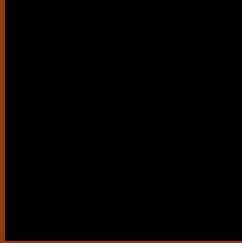
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 943B04 Background



This preview shows how black text looks on a background with the Hex color 943B04.



This preview shows how white text looks on a background with the Hex color 943B04.

# 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**  
943B04

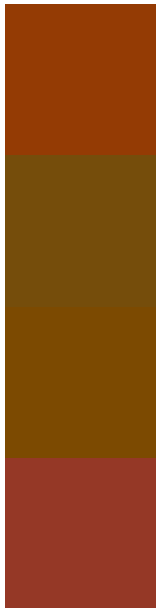
**Protanopia**  
63580F

**Deuteranopia**  
6F5300



**Tritanopia**  
95373A

# Trichromacy



**Original Color**  
943B04

**Protanomaly**  
754D0B

**Deuteranomaly**  
7C4A01

**Tritanomaly**  
953826

# Monochromacy



**Original Color**  
943B04

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
684834

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 943B04 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 #943B04 looks like.

```
.text, #text, p{  
    color:#943B04  
}
```

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 #943B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943B04
}
```

## Border

The CSS property to change the border of an element to Hex 943B04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

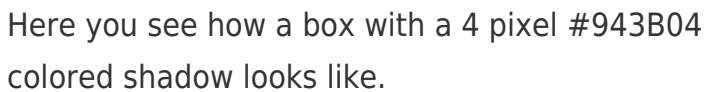
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943B04 }
```

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

```
.border{ border-color:#943B04 }
```

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



Here you see how a box with a 4 pixel #943B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943B04; -webkit-box-shadow:4px 4px  
4px 4px #943B04; box-shadow:4px 4px 4px  
4px #943B04 }
```

# Background

The CSS property to change the background color of an element to Hex 943B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943B04 }
```

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

```
.background{ background-color:#943B04 }
```

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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