

Converting Colors

Hex(940D04)

Have a look what the booklet for
Hex(940D04) contains.

Hex(940D04)	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(940D04)

Conversions

Conversions Part 1

Format	Color
Hex	940D04
RGB	148, 13, 4
RGB Percent	58%, 5%, 2%
CMY	0.4196, 0.9490, 0.9843
CMYK	0.00, 0.91, 0.97, 0.42
HSL	4°, 95%, 30%
HSV	4°, 97%, 58%
XYZ	12.3786, 6.5925, 0.7349
YIQ	52.3390, 83.3490, 25.8210

Conversions

Conversions Part 2

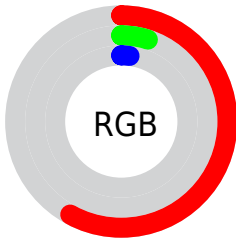
Format	Color
R_{YB}	148, 14, 4
Decimal	9702660
CIE Lab	30.86, 51.46, 42.70
CIE LCh	31, 66.864, 39.684
Yxy	6.5925, 0.6282, 0.3345
Android (android.graphics.Color)	4287892740 (0xFF940D04)
YUV	52.3390, -23.8311, 83.8947
Hunter-Lab	25.6759, 41.1237, 16.2761

Details

The Hex color **940D04** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **048B94**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **D24C33**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **940900**, and if you desaturate by 10%, it is **941B13**.

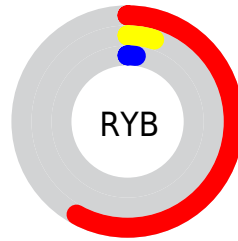
Distribution



Red (58%)

Green (5%)

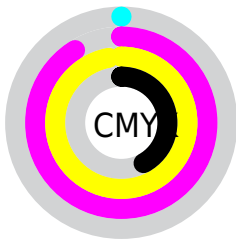
Blue (2%)



Red (58%)

Yellow (5%)

Blue (2%)

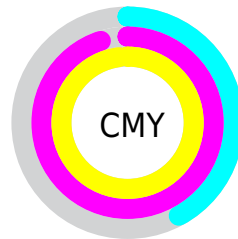


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (42%)



Cyan (42%)

Magenta (95%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940D04 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 940D04 by changing the saturation by 10% instead.

 940D04

 940D04

 FFFFE9

 760000

 D24C33

 570000

 F2674A

 3C0002

 FF8363

 190001

 FF9E7C

 000000

 FFBA96

 FFD7B1

 FFF4CD

 940D04

 940D04

■ 940900

■ 941B13

■ 942922

■ 943730

■ 94453F

■ 94524E

■ 94605D

■ 946E6C

■ 947C7A

■ 948A89

Harmonies

Analogous

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



A0003B



940D04



763800

Triad

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



940D04



005B21



004BB2

Complementary

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



940D04



048B94

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.



0058AC



940D04



005D59

Square

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



940D04



005600



005D8B



5A2F9B

Rectangle

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



940D04



5A4700



005D8B



0051B3

Sweetspot

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



940D04



BF8B88



94048D



61413F



E0E0E0



616161

Same Dimension

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



940D04



BF0C00



945304



4A4343



8A0900



0A0100

Inverse Universe

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



048B94



00B3BF



044594



43494A



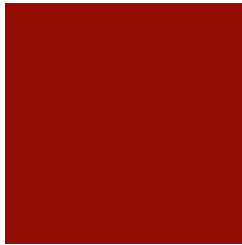
00818A



000A0A

Previews

White Background



This preview shows how the Hex color 940D04 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 940D04 Background



This preview shows how black text looks on a background with the Hex color 940D04.



This preview shows how white text looks on a background with the Hex color 940D04.

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
940D04

Protanopia
544B13

Deuteranopia
5F4700

Trichromacy



Original Color
940D04

Protanomaly
6B340E

Deuteranomaly
723201

Tritanomaly
940D03

Monochromacy



Original Color
940D04

Achromatopsia
343434

Achromatomaly
572623

CSS Examples

Text

The CSS property to change the color of the text to Hex 940D04 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 #940D04 looks like.

```
.text, #text, p{  
    color:#940D04  
}
```

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 #940D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940D04
}
```

Border

The CSS property to change the border of an element to Hex 940D04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

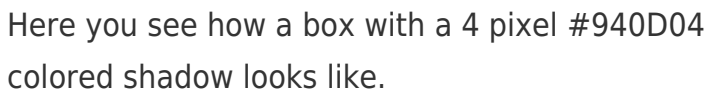
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940D04 }
```

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

```
.border{ border-color:#940D04 }
```

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



Here you see how a box with a 4 pixel #940D04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940D04; -webkit-box-shadow:4px 4px  
4px 4px #940D04; box-shadow:4px 4px 4px  
4px #940D04 }
```

Background

The CSS property to change the background color of an element to Hex 940D04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940D04 }
```

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

```
.background{ background-color:#940D04 }
```

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