

# Converting Colors

Hex(980D04)

Have a look what the booklet for  
Hex(980D04) contains.

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**Color**

**Hex(980D04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	980D04
RGB	152, 13, 4
RGB Percent	60%, 5%, 2%
CMY	0.4039, 0.9490, 0.9843
CMYK	0.00, 0.91, 0.97, 0.40
HSL	4°, 95%, 31%
HSV	4°, 97%, 60%
XYZ	13.1147, 6.9720, 0.7694
YIQ	53.5350, 85.7330, 26.6690

# Conversions

## Conversions Part 2

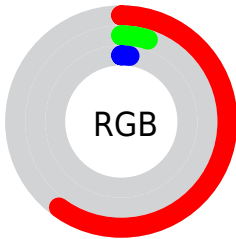
Format	Color
<a href="#">RYB</a>	<a href="#">152, 14, 4</a>
Decimal	<a href="#">9964804</a>
CIELab	<a href="#">31.74, 52.58, 43.72</a>
CIElCh	<a href="#">32, 68.386, 39.746</a>
Yxy	<a href="#">6.9720, 0.6288, 0.3343</a>
Android (android.graphics.Color)	<a href="#">4288154884 (0xFF980D04)</a>
YUV	<a href="#">53.5350, -24.4208, 86.3538</a>
Hunter-Lab	<a href="#">26.4046, 42.4501, 16.7556</a>

# Details

The Hex color **980D04** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **048F98**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **D64D33**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **980900**, and if you desaturate by 10%, it is **981B13**.

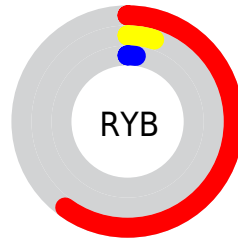
# Distribution



Red (60%)

Green (5%)

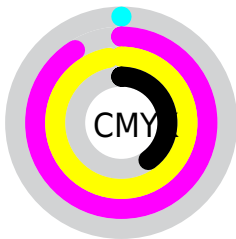
Blue (2%)



Red (60%)

Yellow (5%)

Blue (2%)

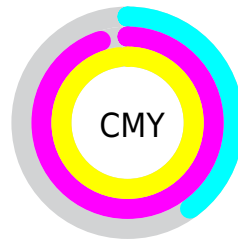


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (40%)



Cyan (40%)

Magenta (95%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 980D04 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 980D04 by changing the saturation by 10% instead.



 980D04

 980D04

 FFFFEA

 790000

 D64D33

 5B0000

 F6684A

 3F0002

 FF8463

 1F0001

 FFA07C

 000000

 FFBC97

 FFD8B2

 FFF6CD

 980D04

 980D04

■ 980900

■ 981B13

■ 982A22

■ 983832

■ 984641

■ 985450

■ 98635F

■ 98716E

■ 987F7E

■ 988D8D

# Harmonies

## Analogous

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



A4003C



980D04



793A00

# Triad

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



980D04



005E22



004DB7

# Complementary

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



980D04



048F98

# 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.



005BB1



980D04



00605C

# Square

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



980D04



005900



005F8F



5D319F

# Rectangle

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



980D04



5D4900



005F8F



0053B8



# Sweetspot

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



980D04



C48F8B



980491



634341



E3E3E3



636363



# Same Dimension

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



980D04



C40C00



985504



4D4545



8C0900



0D0100



# Inverse Universe

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



048F98



00B8C4



044798



454C4D



00848C



000C0D



# Previews

## White Background



This preview shows how the Hex color 980D04 looks on a white background.

## Color Contrast Check

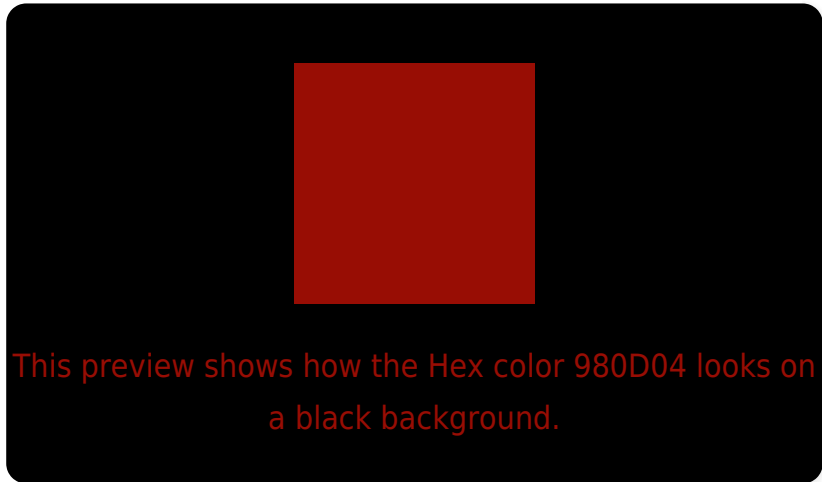
Large Text (above 18pt) WCAG AA ✓ Pass

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 980D04 Background



This preview shows how black text looks on a background with the Hex color 980D04.



This preview shows how white text looks on a background with the Hex color 980D04.

# 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**  
980D04

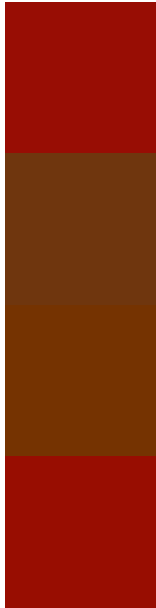
**Protanopia**  
574D14

**Deuteranopia**  
614900



**Tritanopia**  
980D00

# Trichromacy



**Original Color**  
980D04

**Protanomaly**  
6F360E

**Deuteranomaly**  
753301

**Tritanomaly**  
980D01

# Monochromacy



**Original Color**  
980D04

**Achromatopsia**  
363636

**Achromatomaly**  
5A2724

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 980D04 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 #980D04 looks like.

```
.text, #text, p{  
    color:#980D04  
}
```

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 #980D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #980D04  
}
```

## Border

The CSS property to change the border of an element to Hex 980D04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

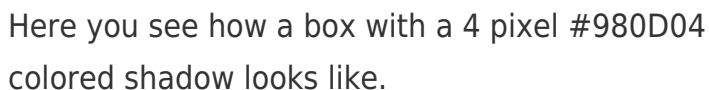
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#980D04 }
```

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

```
.border{ border-color:#980D04 }
```

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



Here you see how a box with a 4 pixel #980D04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #980D04; -webkit-box-shadow:4px 4px  
4px 4px #980D04; box-shadow:4px 4px 4px  
4px #980D04 }
```

# Background

The CSS property to change the background color of an element to Hex 980D04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#980D04 }
```

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

```
.background{ background-color:#980D04 }
```

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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