

Converting Colors

Hex(970020)

Have a look what the booklet for
Hex(970020) contains.

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Color

Hex(970020)

Conversions

Conversions Part 1

Format	Color
Hex	970020
RGB	151, 0, 32
RGB Percent	59%, 0%, 13%
CMY	0.4078, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.79, 0.41
HSL	347°, 100%, 30%
HSV	347°, 100%, 59%
XYZ	13.0232, 6.6836, 1.9702
YIQ	48.7970, 79.7240, 41.9640

Conversions

Conversions Part 2

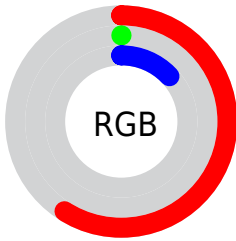
Format	Color
RYB	151, 0, 32
Decimal	9895968
CIELab	31.08, 54.86, 28.66
CIElCh	31, 61.892, 27.583
Yxy	6.6836, 0.6008, 0.3083
Android (android.graphics.Color)	4288086048 (0xFF970020)
YUV	48.7970, -8.2809, 89.6320
Hunter-Lab	25.8526, 44.6768, 13.5785

Details

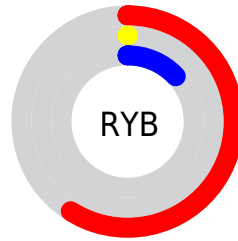
The Hex color **970020** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009777**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **D4494C**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **970020**, and if you desaturate by 10%, it is **970F2C**.

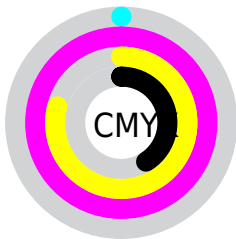
Distribution



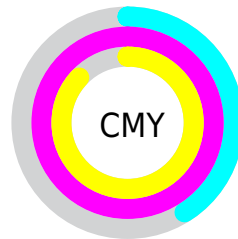
- Red (59%)
- Green (0%)
- Blue (13%)



- Red (59%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 970020 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 970020 by changing the saturation by 10% instead.

 970020

 970020

FFFFFF

 79000B

 D4494C

 5B0000

 F46564

 3F0002

 FF807D

 1E0001

 FF9C97

 000000

 FFB9B2

 FFD5CD

 FFF3E9

 970020

 970F2C

 971E38

 972D44

 973C50

 974C5B

 975B67

 976A73

 97797F

 97888B

Harmonies

Analogous

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



98004F



970020



812F00

Triad

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



970020



00590C



0051AC

Complementary

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



970020



009777

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.



005A9B



970020



005C44

Square

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



970020



2E5300



005D75



323EA0

Rectangle

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



970020



6B4000



005D75



0055A9

Sweetspot

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



970020



C48996



760097



634047



E3E3E3



636363

Same Dimension

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



970020



C4002A



972B00



4D4546



8C001E



0D0003

Inverse Universe

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



970020



C4002A



006C97



4D4546



8C001E



0D0003

Previews

White Background



This preview shows how the Hex color 970020 looks on a white background.

Color Contrast Check

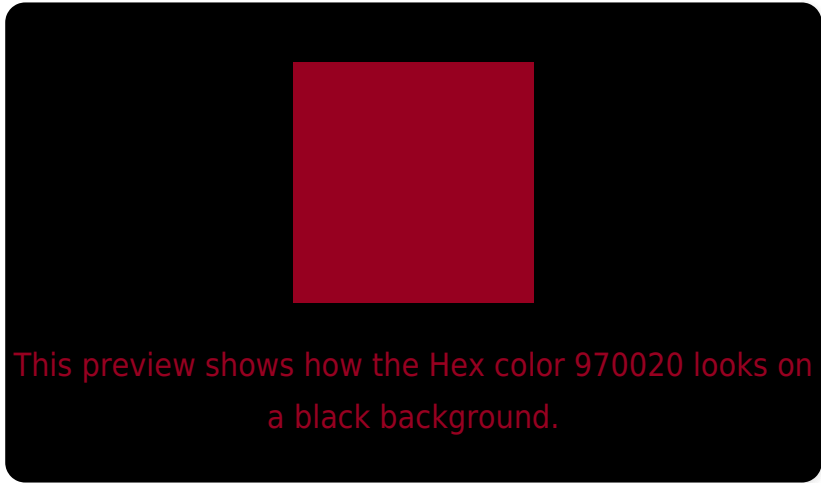
Large Text (above 18pt) WCAG AA ✓ Pass

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 970020 Background



This preview shows how black text looks on a background with the Hex color 970020.

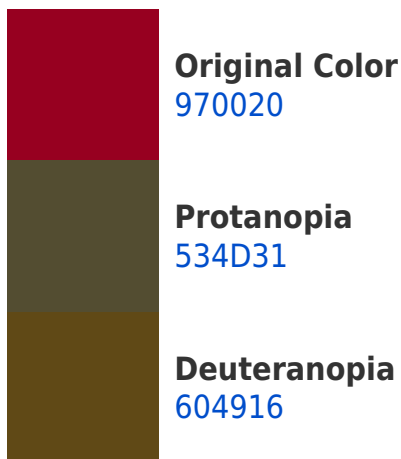


This preview shows how white text looks on a background with the Hex color 970020.

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





Tritanopia
970E04

Trichromacy



Original Color
970020

Protanomaly
6C312B

Deuteranomaly
742E1A

Tritanomaly
97090E

Monochromacy



Original Color
970020

Achromatopsia
313131

Achromatomaly
561F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 970020 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 #970020 looks like.

```
.text, #text, p{  
    color:#970020  
}
```

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 #970020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970020
}
```

Border

The CSS property to change the border of an element to Hex 970020 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".

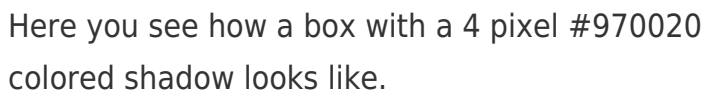
```
.border, #border, table{ border:4px solid
#970020 }
```

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

```
.border{ border-color:#970020 }
```

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

Here you see how a box with a 4 pixel #970020 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #970020 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970020; -webkit-box-shadow:4px 4px  
4px 4px #970020; box-shadow:4px 4px 4px  
4px #970020 }
```

Background

The CSS property to change the background color of an element to Hex 970020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970020 }
```

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

```
.background{ background-color:#970020 }
```

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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