

Converting Colors

Hex(960021)

Have a look what the booklet for
Hex(960021) contains.

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Color

Hex(960021)

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | 960021 |
| RGB | 150, 0, 33 |
| RGB Percent | 59%, 0%, 13% |
| CMY | 0.4118, 1.0000, 0.8706 |
| CMYK | 0.00, 1.00, 0.78, 0.41 |
| HSL | 347°, 100%, 29% |
| HSV | 347°, 100%, 59% |
| XYZ | 12.8522, 6.5938, 2.0342 |
| YIQ | 48.6120, 78.8070, 42.0630 |

Conversions

Conversions Part 2

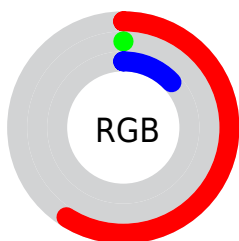
| Format | Color |
|-------------------------------------|--|
| RYB | 150, 0, 33 |
| Decimal | 9830433 |
| CIELab | 30.86, 54.64, 27.73 |
| CIELCh | 31, 61.271, 26.910 |
| Yxy | 6.5938, 0.5983, 0.3070 |
| Android (android.graphics.Color) | 4288020513 (0xFF960021) |
| YUV | 48.6120, -7.6967, 88.9173 |
| Hunter-Lab | 25.6785, 44.4028, 13.2781 |

Details

The Hex color **960021** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009675**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **D3494D**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **960021**, and if you desaturate by 10%, it is **960F2D**.

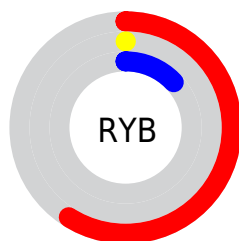
Distribution



Red (59%)

Green (0%)

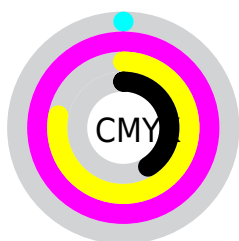
Blue (13%)



Red (59%)

Yellow (0%)

Blue (13%)

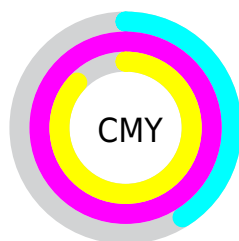


Cyan (0%)

Magenta (100%)

Yellow (78%)

Black (41%)



Cyan (41%)

Magenta (100%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 960021 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 960021 by changing the saturation by 10% instead.



960021



960021

FFFFFF



78000C



D3494D



5A0000



F26465



3F0002



FF807E



1D0001



FF9C98



000000



FFB8B3



FFD5CE



FFF2EB



960021

 960F2D

 961E38

 962D44

 963C50

 964B5B

 965A67

 966973

 96787F

 96878A

Harmonies

Analogous

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



970050



960021



812E00

Triad

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



960021



00590B



0051AA

Complementary

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



960021



009675

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.



005A99



960021



005B42

Square

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



960021



305200



005C73



2F3E9F

Rectangle

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



960021



6B3F00



005C73



0055A7

Sweetspot

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



960021



C28894



730096



613E46



E0E0E0



616161

Same Dimension

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



960021



C2002B



962800



4A4344



8A001E



0A0002

Inverse Universe

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



960021



C2002B



006E96



4A4344



8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 960021 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



This preview shows how the Hex color 960021 looks on a 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 960021 Background



This preview shows how black text looks on a background with the Hex color 960021.



This preview shows how white text looks on a background with the Hex color 960021.

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

960021

Protanopia

534C32

Deuteranopia

5F4817



Tritanopia
960E06

Trichromacy



Original Color

960021



Protanomaly

6B302C



Deuteranomaly

732E1B



Tritanomaly

960910

Monochromacy



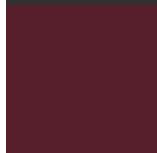
Original Color

960021



Achromatopsia

313131



Achromatomaly

561F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 960021 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 #960021 looks like.

```
.text, #text, p{  
    color:#960021  
}
```

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 #960021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #960021
}
```

Border

The CSS property to change the border of an element to Hex 960021 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
#960021 }
```

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

```
.border{ border-color:#960021 }
```

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

Here you see how a box with a 4 pixel #960021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #960021; -webkit-box-shadow:4px 4px  
4px 4px #960021; box-shadow:4px 4px 4px  
4px #960021 }
```

Background

The CSS property to change the background color of an element to Hex 960021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#960021 }
```

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

```
.background{ background-color:#960021 }
```

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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