

# Converting Colors

Hex(960000)

Have a look what the booklet for  
Hex(960000) contains.

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**Color**

**Hex(960000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	960000
RGB	150, 0, 0
RGB Percent	59%, 0%, 0%
CMY	0.4118, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.41
HSL	0°, 100%, 29%
HSV	0°, 100%, 59%
XYZ	12.5777, 6.4840, 0.5886
YIQ	44.8500, 89.4000, 31.8000

# Conversions

## Conversions Part 2

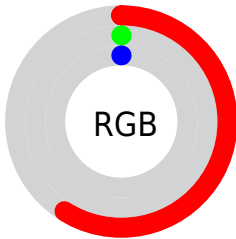
Format	Color
<b>R<sub>YB</sub></b>	150, 0, 0
Decimal	9830400
CIE Lab	30.60, 53.92, 44.34
CIE LCh	31, 69.814, 39.432
Yxy	6.4840, 0.6401, 0.3300
Android (android.graphics.Color)	4288020480 (0xFF960000)
YUV	44.8500, -22.1110, 92.2166
Hunter-Lab	25.4638, 43.6075, 16.4541

# Details

The Hex color **960000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009696**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **D5482F**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **960000**, and if you desaturate by 10%, it is **960F0F**.

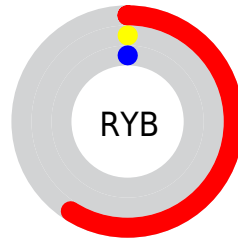
# Distribution



Red (59%)

Green (0%)

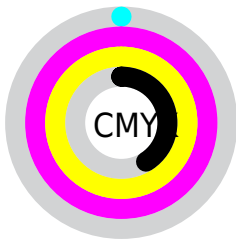
Blue (0%)



Red (59%)

Yellow (0%)

Blue (0%)

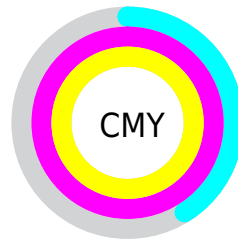


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 960000 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 960000 by changing the saturation by 10% instead.



 960000

 960000

 FFFFE5

 770000

 D5482F

 590000

 F46447

 3E0002

 FF7F5F

 1A0001

 FF9B78

 000000

 FFB792

 FFD4AD

 FFF1C9

 960000

 960F0F

 961E1E

 962D2D

 963C3C

 964B4B

 965A5A

 966969

 967878

 968787

# Harmonies

## Analogous

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



A2003A



960000



763600

# Triad

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



960000



005B1E



004BB6

# Complementary

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



960000



009696

# 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.



0058B0



960000



005D59

# Square

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



960000



005600



005D8D



592D9E

# Rectangle

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



960000



5A4600



005D8D



0051B8



# Sweetspot

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



960000



C28888



960096



613E3E



E0E0E0



616161



# Same Dimension

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



960000



C20000



964B00



4A4343



8A0000



0A0000



# Inverse Universe

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



009696



00C2C2



004B96



434A4A



008A8A



000A0A



# Previews

## White Background



This preview shows how the Hex color 960000 looks on a white background.

## Color Contrast Check

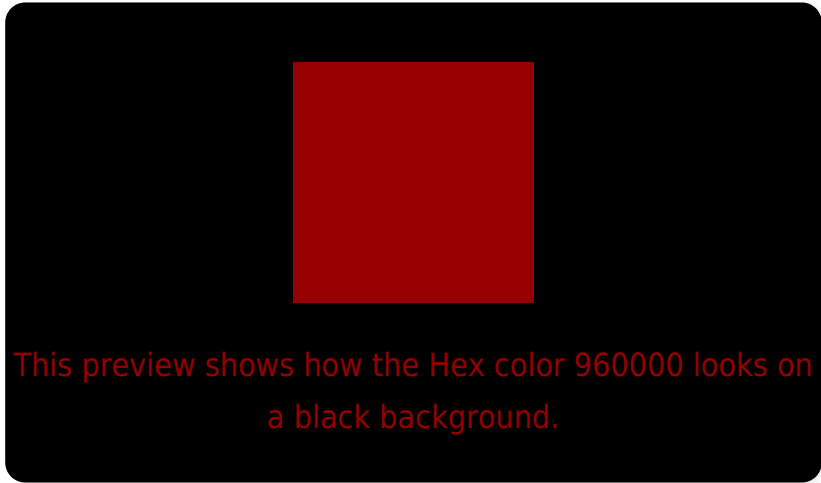
Large Text (above 18pt) WCAG AA ✓ Pass

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 960000 Background



This preview shows how black text looks on a background with the Hex color 960000.



This preview shows how white text looks on a background with the Hex color 960000.

# 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**  
960000

**Protanopia**  
554C13

**Deuteranopia**  
5F4800



**Tritanopia**  
950E00

# Trichromacy



**Original Color**  
960000

**Protanomaly**  
6D300C

**Deuteranomaly**  
732E00

**Tritanomaly**  
950900

# Monochromacy



**Original Color**  
960000

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
531D1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 960000 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 #960000 looks like.

```
.text, #text, p{  
    color:#960000  
}
```

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 #960000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #960000
}
```

## Border

The CSS property to change the border of an element to Hex 960000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

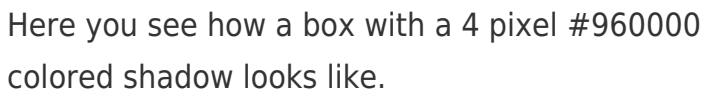
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#960000 }
```

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

```
.border{ border-color:#960000 }
```

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



Here you see how a box with a 4 pixel #960000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #960000; -webkit-box-shadow:4px 4px  
4px 4px #960000; box-shadow:4px 4px 4px  
4px #960000 }
```

# Background

The CSS property to change the background color of an element to Hex 960000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#960000 }
```

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

```
.background{ background-color:#960000 }
```

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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