

# Converting Colors

Hex(95001D)

Have a look what the booklet for  
Hex(95001D) contains.

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# Color

**Hex(95001D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95001D
RGB	149, 0, 29
RGB Percent	58%, 0%, 11%
CMY	0.4157, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.81, 0.42
HSL	348°, 100%, 29%
HSV	348°, 100%, 58%
XYZ	12.6162, 6.4783, 1.7479
YIQ	47.8570, 79.4950, 40.6070

# Conversions

## Conversions Part 2

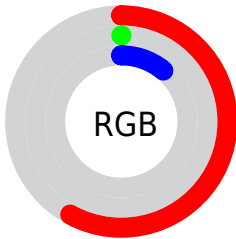
Format	Color
<b>RYB</b>	149, 0, 29
Decimal	9764893
CIELab	30.59, 54.24, 29.87
CIElCh	31, 61.924, 28.842
Yxy	6.4783, 0.6053, 0.3108
Android (android.graphics.Color)	4287954973 (0xFF95001D)
YUV	47.8570, -9.2965, 88.7024
Hunter-Lab	25.4524, 43.9366, 13.7451

# Details

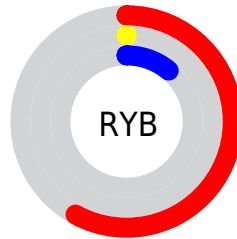
The Hex color **95001D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009578**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **D24849**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **95001D**, and if you desaturate by 10%, it is **950F29**.

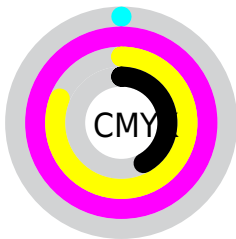
# Distribution



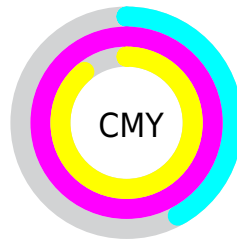
- Red (58%)
- Green (0%)
- Blue (11%)



- Red (58%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95001D 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 95001D by changing the saturation by 10% instead.



 95001D

 95001D

FFFFFF

 770006

 D24849

 590000

 F26461

 3E0002

 FF807A

 1B0001

 FF9B93

 000000

 FFB8AE

 FFD4C9

 FFF2E6

 95001D

 950F29

 951E35

 952D41

 953C4D

 954B59

 955965

 956871

 95777D

 958689

# Harmonies

## Analogous

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



97004C



95001D



7F2F00

# Triad

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



95001D



00580E



0050AA

# Complementary

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



95001D



009578

# 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.



00599B



95001D



005B45

# Square

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



95001D



2A5200



005C76



363C9E

# Rectangle

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



95001D



684000



005C76



0054A8



# Sweetspot

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



95001D



C28893



770095



613E45



E0E0E0



616161



# Same Dimension

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



95001D



C20026



952D00



4A4344



8A001B



0A0002



# Inverse Universe

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



95001D



C20026



006895



4A4344



8A001B



0A0002



# Previews

## White Background



This preview shows how the Hex color 95001D looks on a white background.

## Color Contrast Check

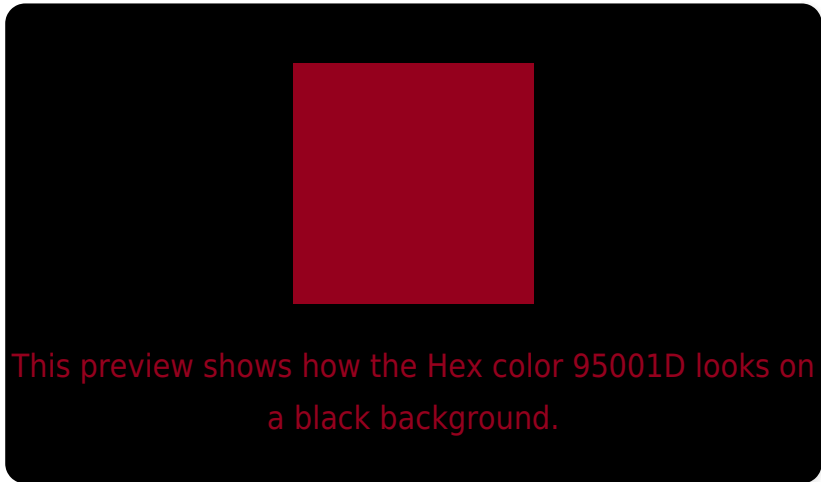
Large Text (above 18pt) WCAG AA ✓ Pass

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 95001D Background



This preview shows how black text looks on a background with the Hex color 95001D.



This preview shows how white text looks on a background with the Hex color 95001D.

# 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**  
95001D

**Protanopia**  
534B2D

**Deuteranopia**  
5F4811



**Tritanopia**  
950D00

# Trichromacy



**Original Color**  
95001D

**Protanomaly**  
6B3027

**Deuteranomaly**  
732E15

**Tritanomaly**  
95080B

# Monochromacy



**Original Color**  
95001D

**Achromatopsia**  
303030

**Achromatomaly**  
551F29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95001D 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 #95001D looks like.

```
.text, #text, p{  
    color:#95001D  
}
```

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 #95001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95001D
}
```

## Border

The CSS property to change the border of an element to Hex 95001D 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".

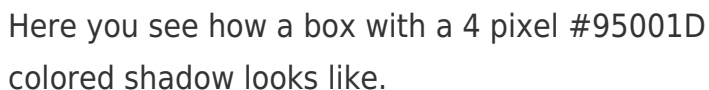
```
.border, #border, table{ border:4px solid
#95001D }
```

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

```
.border{ border-color:#95001D }
```

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

Here you see how a box with a 4 pixel #95001D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95001D; -webkit-box-shadow:4px 4px  
4px 4px #95001D; box-shadow:4px 4px 4px  
4px #95001D }
```

# Background

The CSS property to change the background color of an element to Hex 95001D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95001D }
```

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

```
.background{ background-color:#95001D }
```

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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