

# Converting Colors

Hex(950200)

Have a look what the booklet for  
Hex(950200) contains.

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**Color**

**Hex(950200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	950200
RGB	149, 2, 0
RGB Percent	58%, 1%, 0%
CMY	0.4157, 0.9922, 1.0000
CMYK	0.00, 0.99, 1.00, 0.42
HSL	1°, 100%, 29%
HSV	1°, 100%, 58%
XYZ	12.4161, 6.4330, 0.5873
YIQ	45.7250, 88.2540, 30.5420

# Conversions

## Conversions Part 2

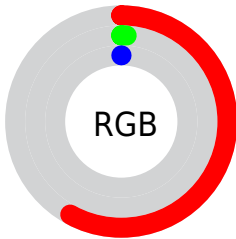
Format	Color
<b>RYB</b>	149, 2, 0
Decimal	9765376
CIELab	30.48, 53.36, 44.15
CIElCh	30, 69.255, 39.607
Yxy	6.4330, 0.6388, 0.3310
Android (android.graphics.Color)	4287955456 (0xFF950200)
YUV	45.7250, -22.5424, 90.5722
Hunter-Lab	25.3633, 42.9955, 16.3815

# Details

The Hex color **950200** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009395**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **D3492F**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **950200**, and if you desaturate by 10%, it is **95110F**.

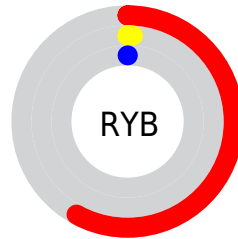
# Distribution



Red (58%)

Green (1%)

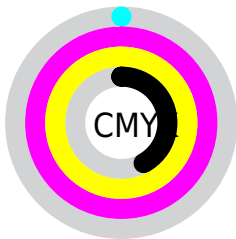
Blue (0%)



Red (58%)

Yellow (1%)

Blue (0%)

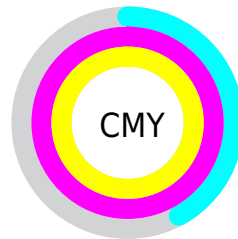


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (99%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 950200 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 950200 by changing the saturation by 10% instead.



 950200

 950200

 FFFFE5

 760000

 D3492F

 580000

 F36447

 3D0002

 FF7F5F

 190001

 FF9B78

 000000

 FFB792

 FFD4AD

 FFF1C9

 950200

 95110F

 951F1E

 952E2D

 953D3C

 954C4B

 955A59

 956968

 957877

 958686

# Harmonies

## Analogous

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



A10039



950200



763600

# Triad

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



950200



005A1E



004AB5

# Complementary

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



950200



009395

# 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.



0058AF



950200



005C59

# Square

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



950200



005600



005C8D



592D9D

# Rectangle

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



950200



594600



005C8D



0050B6



# Sweetspot

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



950200



C28888



950095



613E3E



E0E0E0



616161



# Same Dimension

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



950200



C20300



954B00



4A4343



8A0200



0A0000



# Inverse Universe

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



009395



00BFC2



004B95



434A4A



00888A

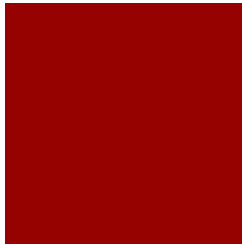


000A0A



# Previews

## White Background



This preview shows how the Hex color 950200 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 950200 Background



This preview shows how black text looks on a background with the Hex color 950200.



This preview shows how white text looks on a background with the Hex color 950200.

# 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**  
950200

**Protanopia**  
544B13

**Deuteranopia**  
5F4700



**Tritanopia**  
940E00

# Trichromacy



**Original Color**  
950200

**Protanomaly**  
6C300C

**Deuteranomaly**  
732E00

**Tritanomaly**  
940A00

# Monochromacy



**Original Color**  
950200

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
531E1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 950200 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 #950200 looks like.

```
.text, #text, p{  
    color:#950200  
}
```

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 #950200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #950200
}
```

## Border

The CSS property to change the border of an element to Hex 950200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

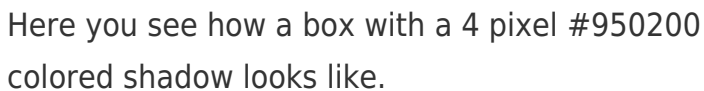
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#950200 }
```

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

```
.border{ border-color:#950200 }
```

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



Here you see how a box with a 4 pixel #950200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #950200; -webkit-box-shadow:4px 4px  
4px 4px #950200; box-shadow:4px 4px 4px  
4px #950200 }
```

# Background

The CSS property to change the background color of an element to Hex 950200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#950200 }
```

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

```
.background{ background-color:#950200 }
```

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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