

# Converting Colors

Hex(930624)

Have a look what the booklet for  
Hex(930624) contains.

<b>Hex(930624)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(930624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	930624
RGB	147, 6, 36
RGB Percent	58%, 2%, 14%
CMY	0.4235, 0.9765, 0.8588
CMYK	0.00, 0.96, 0.76, 0.42
HSL	347°, 92%, 30%
HSV	347°, 96%, 58%
XYZ	12.4162, 6.4607, 2.2617
YIQ	51.5790, 74.4060, 39.2220

# Conversions

## Conversions Part 2

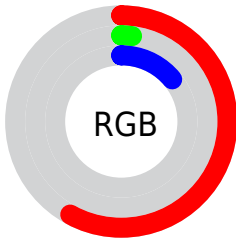
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 6, 36
Decimal	9635364
CIELab	30.55, 53.07, 25.27
CIElCh	31, 58.781, 25.466
Yxy	6.4607, 0.5874, 0.3056
Android (android.graphics.Color)	4287825444 (0xFF930624)
YUV	51.5790, -7.6804, 83.6842
Hunter-Lab	25.4178, 42.7130, 12.5168

# Details

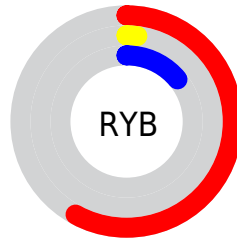
The Hex color **930624** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **069375**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **D04A50**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **93001F**, and if you desaturate by 10%, it is **931530**.

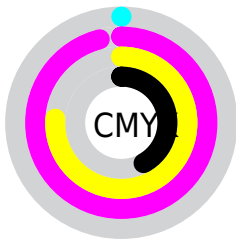
# Distribution



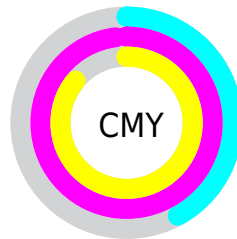
- Red (58%)
- Green (2%)
- Blue (14%)



- Red (58%)
- Yellow (2%)
- Blue (14%)



- Cyan (0%)
- Magenta (96%)
- Yellow (76%)
- Black (42%)



- Cyan (42%)
- Magenta (98%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 930624 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 930624 by changing the saturation by 10% instead.



 930624

 930624

FFFFFF

 750010

 D04A50

 580000

 EF6669

 3D0002

 FF8182

 190001

 FF9D9C

 000000

 FFB9B7

 FFD6D2

 FFF3EE

 930624

 930624

■ 93001F

■ 931530

■ 93233B

■ 933247

■ 934152

■ 93505E

■ 935E69

■ 936D75

■ 937C81

■ 938A8C

# Harmonies

## Analogous

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



920051



930624



802E00

# Triad

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



930624



00570A



0050A5

# Complementary

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



930624



069375

# 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.



005894



930624



005A3F

# Square

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



930624



335100



005B6E



2B3F9C

# Rectangle

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



930624



6B3E00



005B6E



0054A2



# Sweetspot

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



930624



BF8894



740693



613F46



E0E0E0



616161



# Same Dimension

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



930624



BF0029



932E06



4A4344



8A001D



0A0002



# Inverse Universe

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



930624



BF0029



066B93



4A4344



8A001D

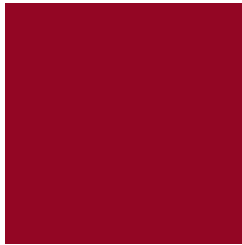


0A0002



# Previews

## White Background



This preview shows how the Hex color 930624 looks on a white background.

## Color Contrast Check

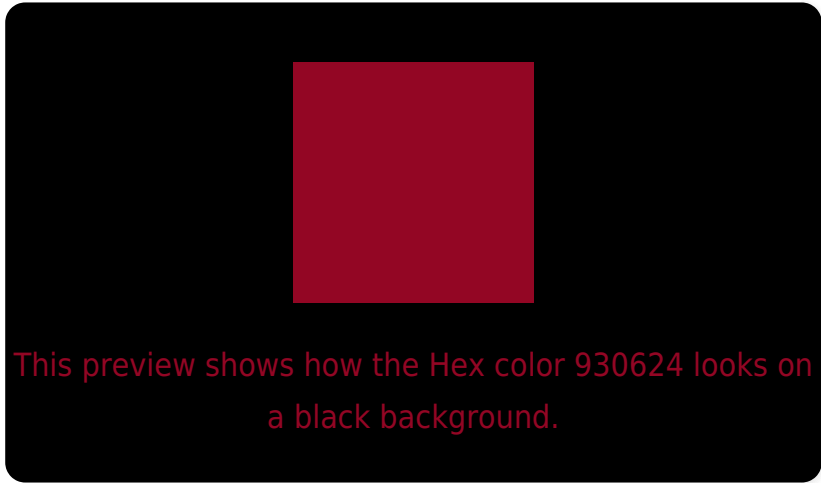
Large Text (above 18pt) WCAG AA ✓ Pass

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 930624 Background



This preview shows how black text looks on a background with the Hex color 930624.

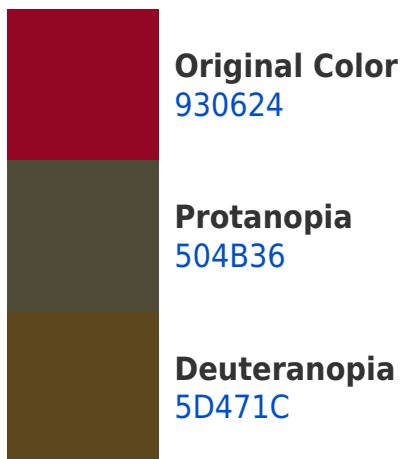


This preview shows how white text looks on a background with the Hex color 930624.

# 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](#).

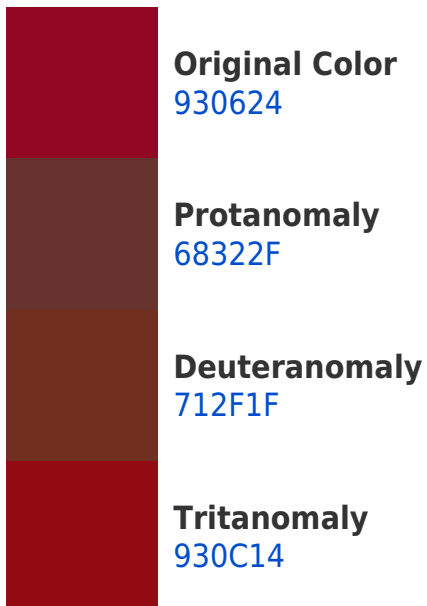
## Dichromacy



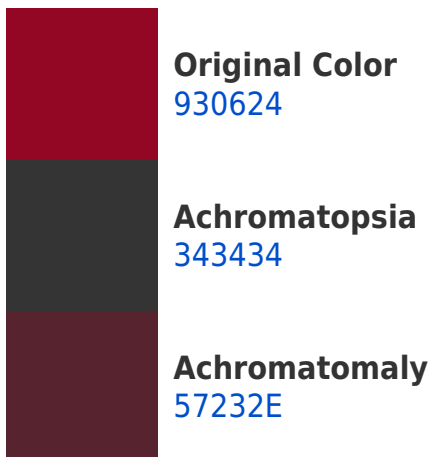


**Tritanopia**  
93100B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 930624 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 #930624 looks like.

```
.text, #text, p{  
    color:#930624  
}
```

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 #930624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #930624
}
```

## Border

The CSS property to change the border of an element to Hex 930624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

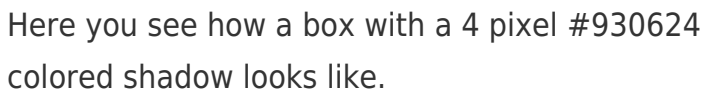
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#930624 }
```

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

```
.border{ border-color:#930624 }
```

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



Here you see how a box with a 4 pixel #930624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #930624; -webkit-box-shadow:4px 4px  
4px 4px #930624; box-shadow:4px 4px 4px  
4px #930624 }
```

# Background

The CSS property to change the background color of an element to Hex 930624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#930624 }
```

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

```
.background{ background-color:#930624 }
```

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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