

# Converting Colors

Hex(491203)

Have a look what the booklet for  
Hex(491203) contains.

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**Color**

**Hex(491203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	491203
RGB	73, 18, 3
RGB Percent	29%, 7%, 1%
CMY	0.7137, 0.9294, 0.9882
CMYK	0.00, 0.75, 0.96, 0.71
HSL	13°, 92%, 15%
HSV	13°, 96%, 29%
XYZ	2.9804, 1.8557, 0.2872
YIQ	32.7350, 37.5950, 6.9950

# Conversions

## Conversions Part 2

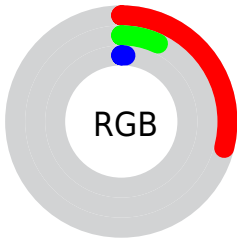
Format	Color
<a href="#">RYB</a>	<a href="#">73, 22, 3</a>
Decimal	<a href="#">4788739</a>
CIELab	<a href="#">14.71, 25.30, 21.25</a>
CIElCh	<a href="#">15, 33.040, 40.039</a>
Yxy	<a href="#">1.8557, 0.5817, 0.3622</a>
Android (android.graphics.Color)	<a href="#">4282978819 (0xFF491203)</a>
YUV	<a href="#">32.7350, -14.6594, 35.3124</a>
Hunter-Lab	<a href="#">13.6222, 15.2149, 8.2854</a>

# Details

The Hex color **491203** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **033A49**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7E4031**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **491000**, and if you desaturate by 10%, it is **49180A**.

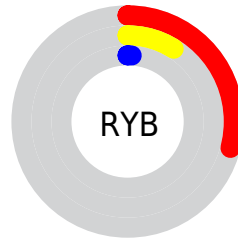
# Distribution



Red (29%)

Green (7%)

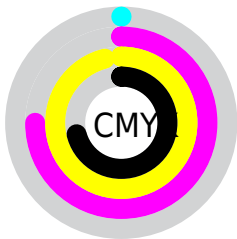
Blue (1%)



Red (29%)

Yellow (9%)

Blue (1%)

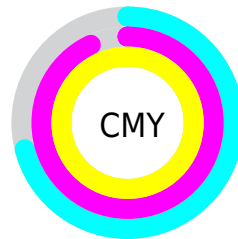


Cyan (0%)

Magenta (75%)

Yellow (96%)

Black (71%)



Cyan (71%)

Magenta (93%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 491203 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 491203 by changing the saturation by 10% instead.



 491203

 491203

 FFFAE4

 300000

 7E4031

 070000

 9A5848

 000000

 B67160

 D38B78

 F0A692

 FFC1AD

 FFDDC8

 491203

 491203

■ 491000

■ 49180A

■ 491D12

■ 492319

■ 492920

■ 492F28

■ 49342F

■ 493A36

■ 49403D

■ 494645

# Harmonies

## Analogous

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



4D081E



491203



3C1E00

# Triad

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



491203



002E14



002553

# Complementary

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



491203



033A49

# 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.



002C51



491203



002F2D

# Square

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



491203



102C00



002F43



2F1B49

# Rectangle

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



491203



2F2400



002F43



002854



# Sweetspot

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



491203



5E4943



49033B



30231F



B0B0B0



303030



# Same Dimension

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



491203



5E1400



493403



242120



631500



E33100



# Inverse Universe

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



033A49



004A5E



031849



202324



004E63

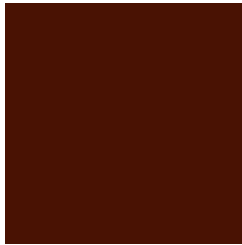


00B2E3



# Previews

## White Background



This preview shows how the Hex color 491203 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

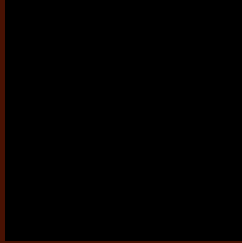
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 491203 Background



This preview shows how black text looks on a background with the Hex color 491203.

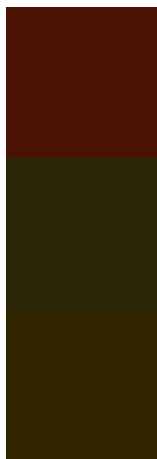


This preview shows how white text looks on a background with the Hex color 491203.

# 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**  
491203

**Protanopia**  
2C2709

**Deuteranopia**  
312500



**Tritanopia**  
491111

# Trichromacy



**Original Color**  
491203

**Protanomaly**  
371F07

**Deuteranomaly**  
3A1E01

**Tritanomaly**  
49110C

# Monochromacy



**Original Color**  
491203

**Achromatopsia**  
212121

**Achromatomaly**  
301C16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 491203 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 #491203 looks like.

```
.text, #text, p{  
    color:#491203  
}
```

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 #491203 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491203
}
```

## Border

The CSS property to change the border of an element to Hex 491203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

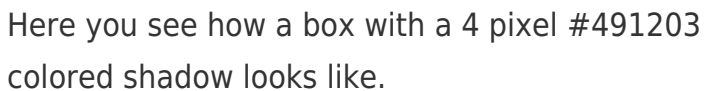
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491203 }
```

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

```
.border{ border-color:#491203 }
```

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



Here you see how a box with a 4 pixel #491203 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491203; -webkit-box-shadow:4px 4px  
4px 4px #491203; box-shadow:4px 4px 4px  
4px #491203 }
```

# Background

The CSS property to change the background color of an element to Hex 491203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491203 }
```

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

```
.background{ background-color:#491203 }
```

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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