

# Converting Colors

Hex(391242)

Have a look what the booklet for  
Hex(391242) contains.

<b>Hex(391242)</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(391242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	391242
RGB	57, 18, 66
RGB Percent	22%, 7%, 26%
CMY	0.7765, 0.9294, 0.7412
CMYK	0.14, 0.73, 0.00, 0.74
HSL	289°, 57%, 16%
HSV	289°, 73%, 26%
XYZ	2.8870, 1.6958, 5.3294
YIQ	35.1330, 7.8360, 23.1960

# Conversions

## Conversions Part 2

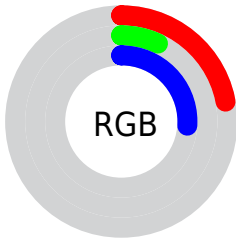
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 18, 66
Decimal	3740226
CIE <sub>Lab</sub>	13.80, 27.55, -21.78
CIE <sub>LCh</sub>	14, 35.115, 321.674
Yxy	1.6958, 0.2913, 0.1711
Android (android.graphics.Color)	4281930306 (0xFF391242)
YUV	35.1330, 15.2174, 19.1774
Hunter-Lab	13.0224, 16.7838, -15.1489

# Details

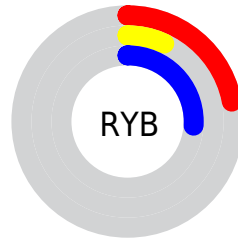
The Hex color **391242** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1B4212**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6A4072**, and **000016** is the 20% darker color. If you saturate the color by 10%, you get **380B42**, and if you desaturate by 10%, it is **3A1942**.

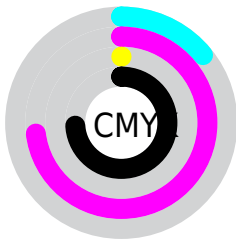
# Distribution



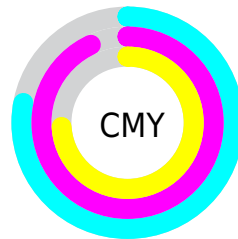
- Red (22%)
- Green (7%)
- Blue (26%)



- Red (22%)
- Yellow (7%)
- Blue (26%)



- Cyan (14%)
- Magenta (73%)
- Yellow (0%)
- Black (74%)



- Cyan (78%)
- Magenta (93%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 391242 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 391242 by changing the saturation by 10% instead.



 391242

 391242

 FFF9FF

 23002C

 6A4072

 000016

 84588C

 000000

 9E71A6

 BA8AC2

 D6A5DE

 F2C0FA

 FFDCFF

 391242

 391242

■ 380B42

■ 3A1942

■ 370542

■ 3B1F42

■ 360042

■ 3D2642

■ 3E2C42

■ 3F3342

■ 403A42

■ 424042

■ 434742

■ 444D42

# Harmonies

## Analogous

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



0B2051



391242



4A032B

# Triad

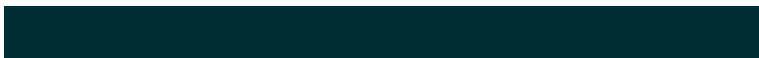
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



391242



332000



002E35

# Complementary

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



391242



1B4212

# 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.



002D1B



391242



1C2700

# Square

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



391242



441400



002B00



002C4A

# Rectangle

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



391242



4D021B



002B00



002E2C



# Sweetspot

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



391242



534457



121C42



29202B



ABABAB



2B2B2B



# Same Dimension

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



391242



490B57



421234



211E21



4F0061



B600E0



# Inverse Universe

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



42121B



570B19



124220



211E1E



610012

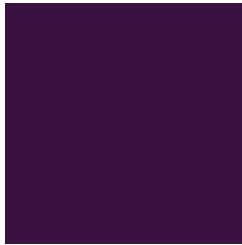


E0002A



# Previews

## White Background



This preview shows how the Hex color 391242 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

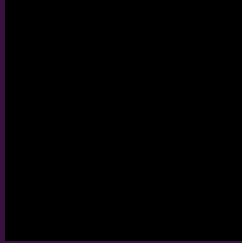
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 391242 Background



This preview shows how black text looks on a background with the Hex color 391242.



This preview shows how white text looks on a background with the Hex color 391242.

# 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**  
391242

**Protanopia**  
00234B

**Deuteranopia**  
11253F



**Tritanopia**  
341E20

# Trichromacy



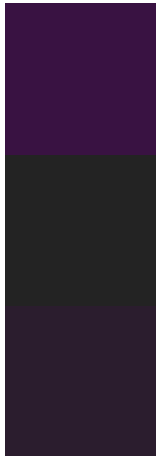
**Original Color**  
391242

**Protanomaly**  
151D48

**Deuteranomaly**  
201E40

**Tritanomaly**  
361A2C

# Monochromacy



**Original Color**  
391242

**Achromatopsia**  
232323

**Achromatomaly**  
2B1D2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 391242 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 #391242 looks like.

```
.text, #text, p{  
    color:#391242  
}
```

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 #391242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #391242
}
```

## Border

The CSS property to change the border of an element to Hex 391242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

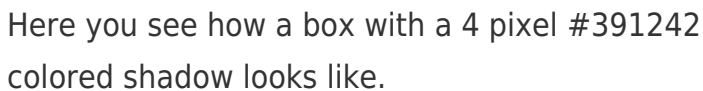
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#391242 }
```

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

```
.border{ border-color:#391242 }
```

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



Here you see how a box with a 4 pixel #391242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #391242; -webkit-box-shadow:4px 4px  
4px 4px #391242; box-shadow:4px 4px 4px  
4px #391242 }
```

# Background

The CSS property to change the background color of an element to Hex 391242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#391242 }
```

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

```
.background{ background-color:#391242 }
```

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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