

# Converting Colors

Hex(391343)

Have a look what the booklet for  
Hex(391343) contains.

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# Color

**Hex(391343)**

# Conversions

## Conversions Part 1

Format	Color
Hex	391343
RGB	57, 19, 67
RGB Percent	22%, 7%, 26%
CMY	0.7765, 0.9255, 0.7373
CMYK	0.15, 0.72, 0.00, 0.74
HSL	288°, 56%, 17%
HSV	288°, 72%, 26%
XYZ	2.9333, 1.7408, 5.4916
YIQ	35.8340, 7.2400, 22.9840

# Conversions

## Conversions Part 2

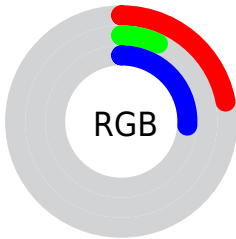
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 19, 67
Decimal	3740483
CIELab	14.06, 27.25, -22.06
CIELCh	14, 35.060, 321.008
Yxy	1.7408, 0.2885, 0.1712
Android (android.graphics.Color)	4281930563 (0xFF391343)
YUV	35.8340, 15.3648, 18.5626
Hunter-Lab	13.1941, 16.5946, -15.4415

# Details

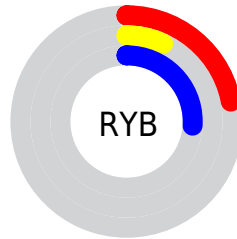
The Hex color **391343** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D4313**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6A4173**, and **000017** is the 20% darker color. If you saturate the color by 10%, you get **380C43**, and if you desaturate by 10%, it is **3A1A43**.

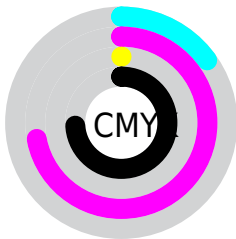
# Distribution



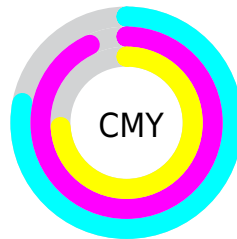
- Red (22%)
- Green (7%)
- Blue (26%)



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



- Cyan (15%)
- Magenta (72%)
- Yellow (0%)
- Black (74%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 391343 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 391343 by changing the saturation by 10% instead.



 391343

 391343

 FFFAFF

 23002D

 6A4173

 000017

 84598D

 000000

 9E72A8

 BA8BC3

 D6A6DF

 F2C1FC

 FFDDFF

 391343

 391343

■ 380C43

■ 3A1A43

■ 360643

■ 3C2043

■ 350043

■ 3D2743

■ 3F2E43

■ 403543

■ 413B43

■ 434243

■ 444943

■ 464F43

# Harmonies

## Analogous

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



0A2152



391343



4B042C

# Triad

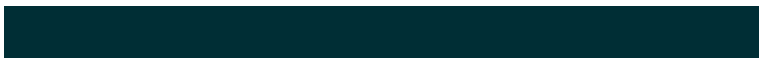
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



391343



342000



002E35

# Complementary

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



391343



1D4313

# 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.



002E1B



391343



1E2800

# Square

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



391343



451400



002C00



002D4A

# Rectangle

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



391343



4E021C



002C00



002E2C



# Sweetspot

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



391343



534457



131D43



29212B



ABABAB



2B2B2B



# Same Dimension

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



391343



470C57



431335



201E21



4D0061



B200E0



# Inverse Universe

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



43131D



570C1C



134321



211E1F



610014



E0002F



# Previews

## White Background



This preview shows how the Hex color 391343 looks on a white background.

## Color Contrast Check

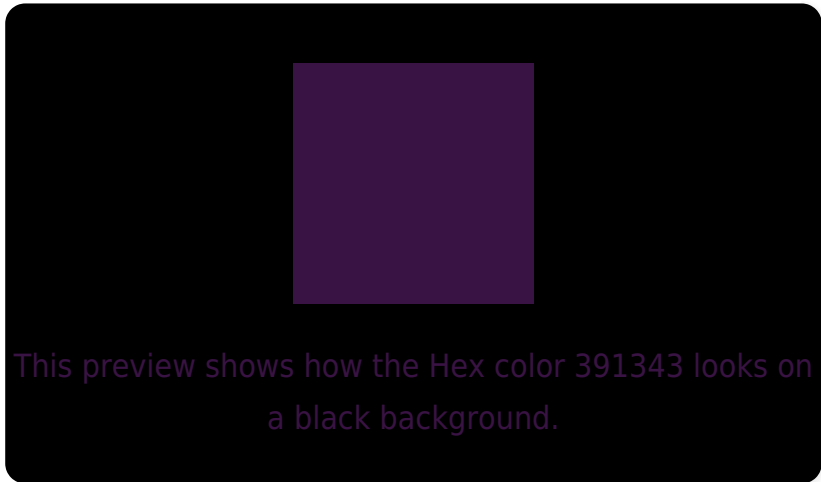
Large Text (above 18pt) WCAG AA ✓ Pass

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

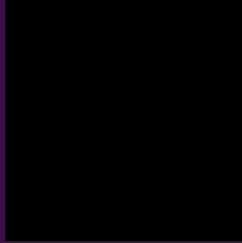
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 391343 Background



This preview shows how black text looks on a background with the Hex color 391343.



This preview shows how white text looks on a background with the Hex color 391343.

# 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](#).

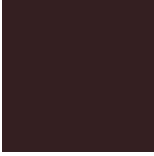
## Dichromacy



**Original Color**  
391343

**Protanopia**  
00244C

**Deuteranopia**  
102540



**Tritanopia**  
341F21

# Trichromacy



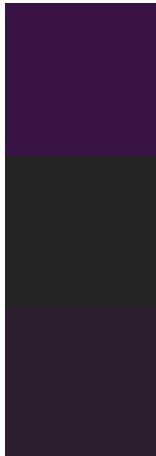
**Original Color**  
391343

**Protanomaly**  
151E49

**Deuteranomaly**  
1F1E41

**Tritanomaly**  
361B2D

# Monochromacy



**Original Color**  
391343

**Achromatopsia**  
242424

**Achromatomaly**  
2C1E2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 391343 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 #391343 looks like.

```
.text, #text, p{  
    color:#391343  
}
```

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 #391343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #391343
}
```

## Border

The CSS property to change the border of an element to Hex 391343 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".

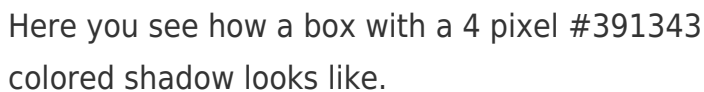
```
.border, #border, table{ border:4px solid
#391343 }
```

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

```
.border{ border-color:#391343 }
```

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

Here you see how a box with a 4 pixel #391343 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #391343; -webkit-box-shadow:4px 4px  
4px 4px #391343; box-shadow:4px 4px 4px  
4px #391343 }
```

# Background

The CSS property to change the background color of an element to Hex 391343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#391343 }
```

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

```
.background{ background-color:#391343 }
```

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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