

Converting Colors

Hex(391793)

Have a look what the booklet for
Hex(391793) contains.

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Color

Hex(391793)

Conversions

Conversions Part 1

Format	Color
Hex	391793
RGB	57, 23, 147
RGB Percent	22%, 9%, 58%
CMY	0.7765, 0.9098, 0.4235
CMYK	0.61, 0.84, 0.00, 0.42
HSL	256°, 73%, 33%
HSV	256°, 84%, 58%
XYZ	7.2602, 3.5892, 27.9139
YIQ	47.3020, -19.5400, 45.7720

Conversions

Conversions Part 2

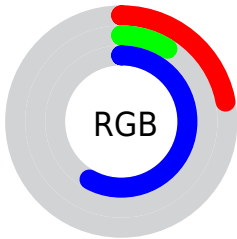
Format	Color
RYB	57, 23, 147
Decimal	3741587
CIELab	22.26, 47.22, -61.08
CIELCh	22, 77.202, 307.705
Yxy	3.5892, 0.1873, 0.0926
Android (android.graphics.Color)	4281931667 (0xFF391793)
YUV	47.3020, 49.1511, 8.5051
Hunter-Lab	18.9453, 35.2505, -74.0960

Details

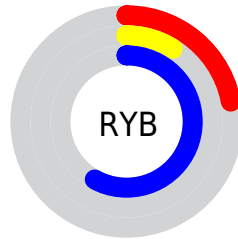
The Hex color **391793** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **719317**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7449CA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **2E0893**, and if you desaturate by 10%, it is **442693**.

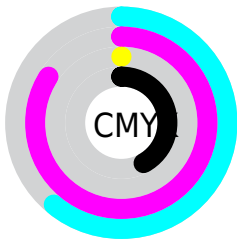
Distribution



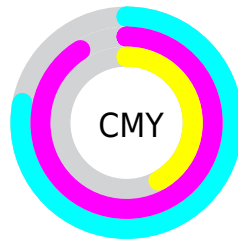
- Red (22%)
- Green (9%)
- Blue (58%)



- Red (22%)
- Yellow (9%)
- Blue (58%)



- Cyan (61%)
- Magenta (84%)
- Yellow (0%)
- Black (42%)



- Cyan (78%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 391793 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 391793 by changing the saturation by 10% instead.

■ 391793

■ 391793

FFFFFF

■ 140079

■ 7449CA

■ 00005F

■ 9062E7

■ 000046

■ AD7BFF

■ 00042F

■ CA96FF

■ 000119

■ E8B1FF

■ 000000

■ FFCDFE

■ FFEAFF

■ 391793

■ 391793

■ 2E0893

■ 442693

■ 280093

■ 4E3493

■ 594393

■ 645293

■ 6E6193

■ 796F93

■ 847E93

■ 8E8D93

■ 999B93

Harmonies

Analogous

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



003BAC



391793



7F0062

Triad

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



391793



631F00



004843

Complementary

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



391793



719317

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.



004600



391793



353800

Square

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



391793



840000



004300



00497C

Rectangle

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



391793



8E003D



004300



00482F

Sweetspot

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



391793



9D8FBF



177293



4C4461



E0E0E0



616161

Same Dimension

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



391793



3400BF



761793



45434A



26008A



03000A

Inverse Universe

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



931771



BF008B



349317



4A4348



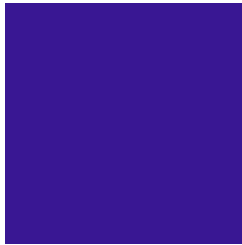
8A0064



0A0007

Previews

White Background



This preview shows how the Hex color 391793 looks on a white background.

Color Contrast Check

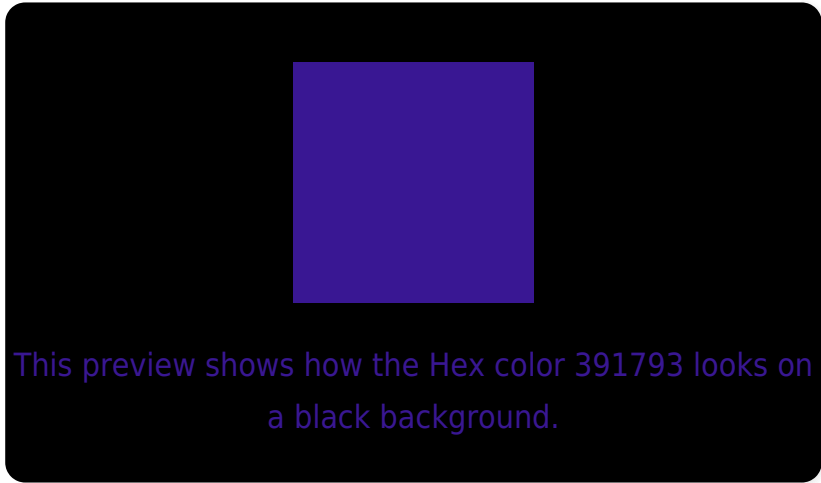
Large Text (above 18pt) WCAG AA ✓ Pass

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

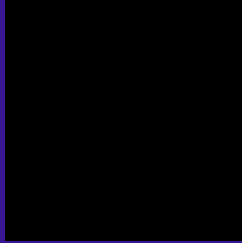
Any Text WCAG AA × Fail

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 391793 Background



This preview shows how black text looks on a background with the Hex color 391793.



This preview shows how white text looks on a background with the Hex color 391793.

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
391793

Protanopia
00346E

Deuteranopia
00385E



Tritanopia
0A3C41

Trichromacy



Original Color
391793

Protanomaly
15297B

Deuteranomaly
152C71

Tritanomaly
1B2F5F

Monochromacy



Original Color
391793

Achromatopsia
2F2F2F

Achromatomaly
332653

CSS Examples

Text

The CSS property to change the color of the text to Hex 391793 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 #391793 looks like.

```
.text, #text, p{  
    color:#391793  
}
```

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 #391793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #391793
}
```

Border

The CSS property to change the border of an element to Hex 391793 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
#391793 }
```

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

```
.border{ border-color:#391793 }
```

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

Here you see how a box with a 4 pixel #391793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #391793; -webkit-box-shadow:4px 4px  
4px 4px #391793; box-shadow:4px 4px 4px  
4px #391793 }
```

Background

The CSS property to change the background color of an element to Hex 391793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#391793 }
```

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

```
.background{ background-color:#391793 }
```

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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