

Converting Colors

Hex(391677)

Have a look what the booklet for
Hex(391677) contains.

| | |
|--|----|
| Hex(391677) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(391677)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 391677 |
| RGB | 57, 22, 119 |
| RGB Percent | 22%, 9%, 47% |
| CMY | 0.7765, 0.9137, 0.5333 |
| CMYK | 0.52, 0.82, 0.00, 0.53 |
| HSL | 262°, 69%, 28% |
| HSV | 262°, 82%, 47% |
| XYZ | 5.3040, 2.7756, 17.7090 |
| YIQ | 43.5230, -10.2770, 37.5870 |

Conversions

Conversions Part 2

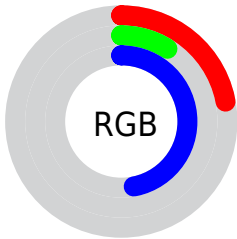
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 57, 22, 119 |
| Decimal | 3741303 |
| CIELab | 19.12, 39.68, -48.62 |
| CIELCh | 19, 62.756, 309.223 |
| Yxy | 2.7756, 0.2057, 0.1076 |
| Android (android.graphics.Color) | 4281931383 (0xFF391677) |
| YUV | 43.5230, 37.2102, 11.8193 |
| Hunter-Lab | 16.6601, 27.6734, -51.3606 |

Details

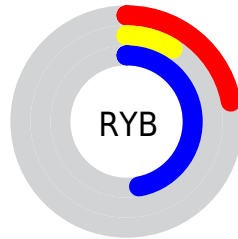
The Hex color **391677** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **547716**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6F46AC**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **310A77**, and if you desaturate by 10%, it is **412277**.

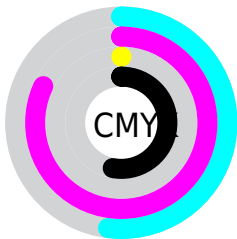
Distribution



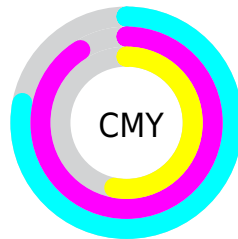
- Red (22%)
- Green (9%)
- Blue (47%)



- Red (22%)
- Yellow (9%)
- Blue (47%)



- Cyan (52%)
- Magenta (82%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (91%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 391677 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 391677 by changing the saturation by 10% instead.

■ 391677

■ 391677

FFFFFF

■ 1C005E

■ 6F46AC

■ 000046

■ 8A5EC8

■ 00042E

■ A678E4

■ 000118

■ C392FF

■ 000000

■ DFADFF

■ FDC9FF

■ FFE5FF

■ 391677

■ 391677

■ 310A77

■ 412277

■ 2B0077

■ 482E77

■ 503A77

■ 574677

■ 5F5277

■ 675D77

■ 6E6977

■ 767577

■ 7D8177

Harmonies

Analogous

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



00328C



391677



6B0050

Triad

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



391677



531F00



003F3C

Complementary

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



391677



547716

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.



003D08



391677



2E3100

Square

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



391677



6E0000



003A00



003F68

Rectangle

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



391677



770032



003A00



003E2C

Sweetspot

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



391677



84769C



165577



40384F



CFCFCF



4F4F4F

Same Dimension

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



391677



3A039C



681677



37353B



2C007A



5A00FA

Inverse Universe

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



771654



9C0365



257716



3B3539



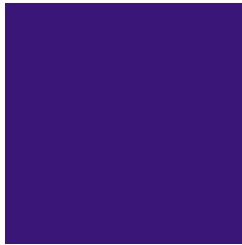
7A004E



FA00A0

Previews

White Background



This preview shows how the Hex color 391677 looks on a white background.

Color Contrast Check

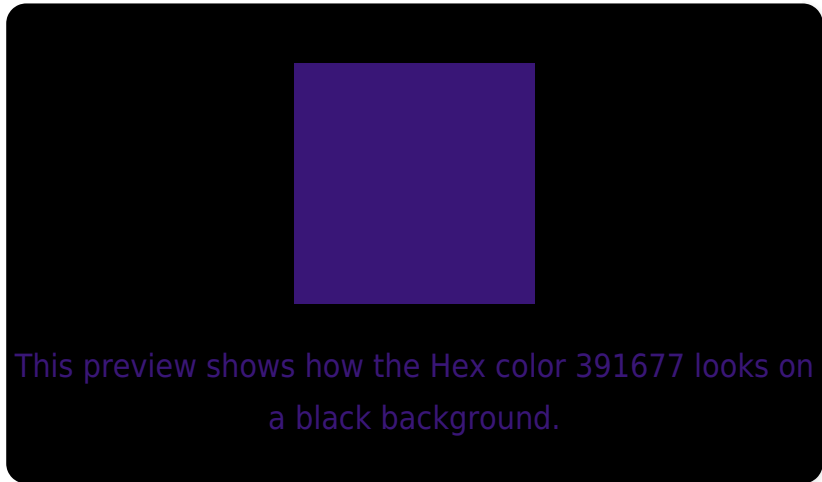
Large Text (above 18pt) WCAG AA ✓ Pass

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

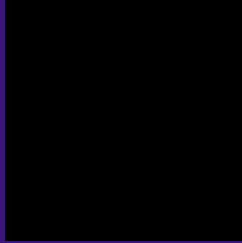
Any Text WCAG AA × Fail

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 391677 Background



This preview shows how black text looks on a background with the Hex color 391677.



This preview shows how white text looks on a background with the Hex color 391677.

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](#).

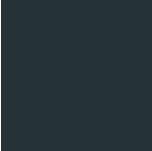
Dichromacy



Original Color
391677

Protanopia
002E61

Deuteranopia
003153



Tritanopia
253236

Trichromacy



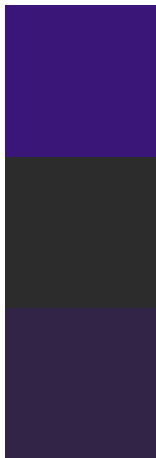
Original Color
391677

Protanomaly
152569

Deuteranomaly
152760

Tritanomaly
2C284E

Monochromacy



Original Color
391677

Achromatopsia
2C2C2C

Achromatomaly
312447

CSS Examples

Text

The CSS property to change the color of the text to Hex 391677 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 #391677 looks like.

```
.text, #text, p{  
    color:#391677  
}
```

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 #391677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #391677  
}
```

Border

The CSS property to change the border of an element to Hex 391677 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  
#391677 }
```

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

```
.border{ border-color:#391677 }
```

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

Here you see how a box with a 4 pixel #391677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #391677; -webkit-box-shadow:4px 4px  
4px 4px #391677; box-shadow:4px 4px 4px  
4px #391677 }
```

Background

The CSS property to change the background color of an element to Hex 391677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#391677 }
```

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

```
.background{ background-color:#391677 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor