

Converting Colors

Hex(391498)

Have a look what the booklet for
Hex(391498) contains.

Hex(391498)	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>	28

Color

Hex(391498)

Conversions

Conversions Part 1

Format	Color
Hex	391498
RGB	57, 20, 152
RGB Percent	22%, 8%, 60%
CMY	0.7765, 0.9216, 0.4039
CMYK	0.62, 0.87, 0.00, 0.40
HSL	257°, 77%, 34%
HSV	257°, 87%, 60%
XYZ	7.6050, 3.6372, 30.0070
YIQ	46.1110, -20.3200, 48.8960

Conversions

Conversions Part 2

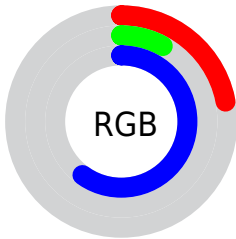
Format	Color
R _Y B	57, 20, 152
Decimal	3740824
CIE Lab	22.43, 49.79, -63.89
CIE LCh	22, 80.999, 307.932
Yxy	3.6372, 0.1844, 0.0882
Android (android.graphics.Color)	4281930904 (0xFF391498)
YUV	46.1110, 52.2033, 9.5497
Hunter-Lab	19.0714, 37.8047, -79.9373

Details

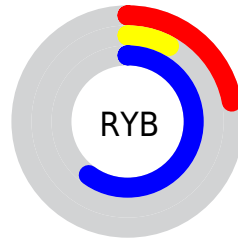
The Hex color **391498** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **739814**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7547D0**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **2E0598**, and if you desaturate by 10%, it is **442398**.

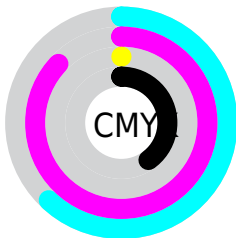
Distribution



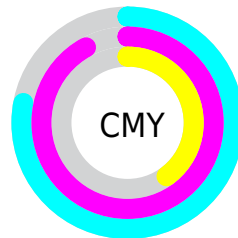
- Red (22%)
- Green (8%)
- Blue (60%)



- Red (22%)
- Yellow (8%)
- Blue (60%)



- Cyan (62%)
- Magenta (87%)
- Yellow (0%)
- Black (40%)



- Cyan (78%)
- Magenta (92%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 391498 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 391498 by changing the saturation by 10% instead.

■ 391498

■ 391498

FFFFFF

■ 12007D

■ 7547D0

■ 000064

■ 9260EC

■ 00004B

■ AF7AFF

■ 000433

■ CC95FF

■ 00021D

■ EAB0FF

■ 000000

■ FFCCFF

■ FFE8FF

■ 391498

■ 391498

■ 2E0598

■ 442398

■ 2B0098

■ 4F3298

■ 5A4298

■ 655198

■ 706098

■ 7B6F98

■ 867E98

■ 918E98

■ 9B9D98

Harmonies

Analogous

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



003CB2



391498



830064

Triad

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



391498



651E00



004945

Complementary

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



391498



739814

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.



004700



391498



343900

Square

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



391498



870000



004300



004A81

Rectangle

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



391498



93003D



004300



004930

Sweetspot

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



391498



A091C4



147598



4D4563



E3E3E3



636363

Same Dimension

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



391498



3700C4



791498



47454D



27008C



04000D

Inverse Universe

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



981473



C4008D



339814



4D454A



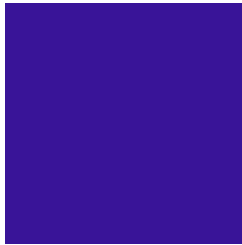
8C0065



0D0009

Previews

White Background



This preview shows how the Hex color 391498 looks on a white background.

Color Contrast Check

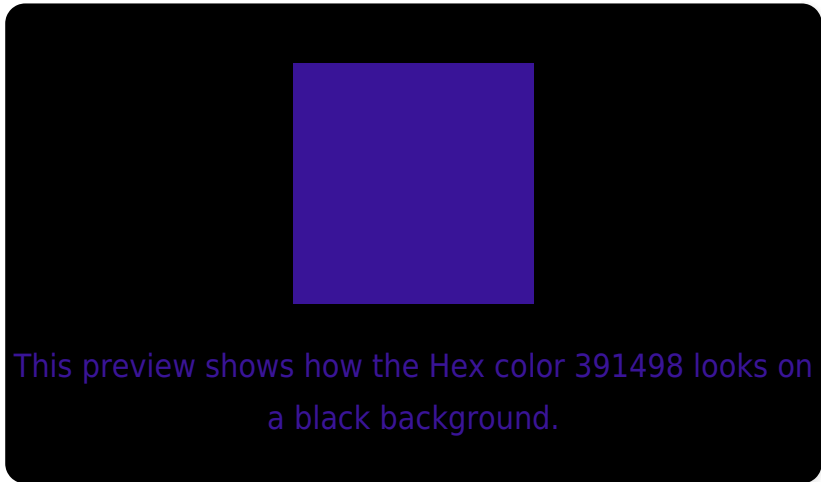
Large Text (above 18pt) WCAG AA ✓ Pass

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

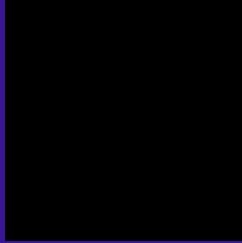
Any Text WCAG AA × Fail

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 391498 Background



This preview shows how black text looks on a background with the Hex color 391498.

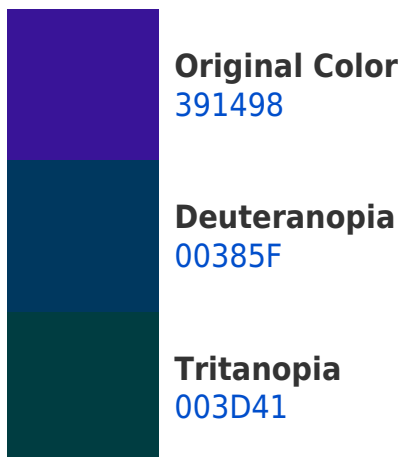


This preview shows how white text looks on a background with the Hex color 391498.

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



Trichromacy



Original Color
391498

Deuteranomaly
152B74

Tritanomaly
152E61

Monochromacy



Original Color
391498

Achromatopsia
2E2E2E

Achromatomaly
322555

CSS Examples

Text

The CSS property to change the color of the text to Hex 391498 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 #391498 looks like.

```
.text, #text, p{  
    color:#391498  
}
```

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 #391498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #391498
}
```

Border

The CSS property to change the border of an element to Hex 391498 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".

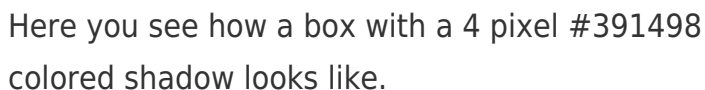
```
.border, #border, table{ border:4px solid
#391498 }
```

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

```
.border{ border-color:#391498 }
```

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

Here you see how a box with a 4 pixel #391498 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #391498.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #391498; -webkit-box-shadow:4px 4px  
4px 4px #391498; box-shadow:4px 4px 4px  
4px #391498 }
```

Background

The CSS property to change the background color of an element to Hex 391498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#391498 }
```

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

```
.background{ background-color:#391498 }
```

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