

Converting Colors

Hex(393273)

Have a look what the booklet for
Hex(393273) contains.

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Color

Hex(393273)

Conversions

Conversions Part 1

Format	Color
Hex	393273
RGB	57, 50, 115
RGB Percent	22%, 20%, 45%
CMY	0.7765, 0.8039, 0.5490
CMYK	0.50, 0.57, 0.00, 0.55
HSL	246°, 39%, 32%
HSV	246°, 57%, 45%
XYZ	5.9225, 4.3889, 16.7546
YIQ	59.5030, -16.6930, 21.6990

Conversions

Conversions Part 2

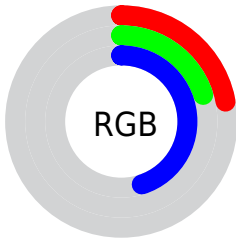
Format	Color
RYB	57, 50, 115
Decimal	3748467
CIELab	24.92, 21.86, -36.63
CIELCh	25, 42.652, 300.826
Yxy	4.3889, 0.2188, 0.1622
Android (android.graphics.Color)	4281938547 (0xFF393273)
YUV	59.5030, 27.3600, -2.1951
Hunter-Lab	20.9496, 13.8001, -32.7530

Details

The Hex color **393273** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C7332**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6D60A8**, and **010742** is the 20% darker color. If you saturate the color by 10%, you get **2F2773**, and if you desaturate by 10%, it is **433E73**.

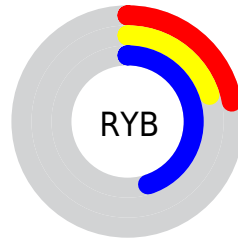
Distribution



Red (22%)

Green (20%)

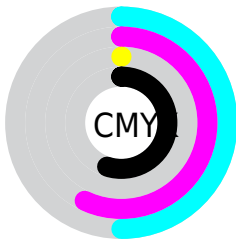
Blue (45%)



Red (22%)

Yellow (20%)

Blue (45%)

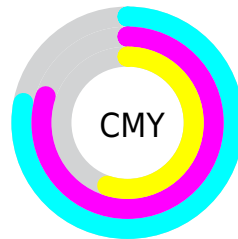


Cyan (50%)

Magenta (57%)

Yellow (0%)

Black (55%)



Cyan (78%)

Magenta (80%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393273 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 393273 by changing the saturation by 10% instead.

■ 393273

■ 393273

FFFFFF

■ 1F1D5A

■ 6D60A8

■ 010742

■ 8779C3

■ 00032B

■ A293DF

■ 000116

■ BEAEFC

■ 000000

■ DAC9FF

■ F7E5FF

■ 393273

■ 393273

■ 2F2773

■ 433E73

■ 241B73

■ 4E4973

■ 1A1073

■ 585573

■ 100473

■ 626073

■ 0C0073

■ 6C6C73

■ 777773

■ 818373

■ 8B8E73

■ 959A73

Harmonies

Analogous

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



003F7C



393273



62205B

Triad

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



393273



612D00



00493B

Complementary

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



393273



6C7332

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.



004719



393273



493A00

Square

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



393273



701C1C



284300



00495B

Rectangle

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



393273



6F1646



284300



004930

Sweetspot

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



393273



807D96



326C73



3F3D4D



CCCCCC



4D4D4D

Same Dimension

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



393273



3B3096



593273



35353B



0D007A



1B00FA

Inverse Universe

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



73326C



96308B



4C7332



3B353A



7A006D



FA00DF

Previews

White Background



This preview shows how the Hex color 393273 looks on a white background.

Color Contrast Check

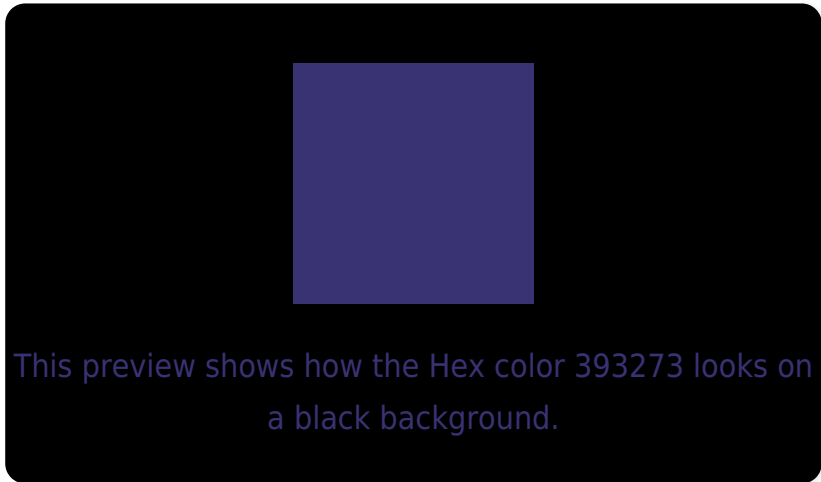
Large Text (above 18pt) WCAG AA ✓ Pass

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

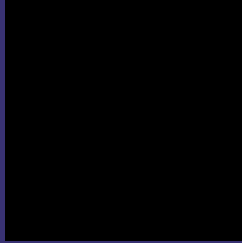
Any Text WCAG AA × Fail

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 393273 Background



This preview shows how black text looks on a background with the Hex color 393273.



This preview shows how white text looks on a background with the Hex color 393273.

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](#).

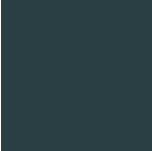
Dichromacy



Original Color
393273

Protanopia
00397A

Deuteranopia
003D6A



Tritanopia
2A3F44

Trichromacy



Original Color
393273

Protanomaly
153677

Deuteranomaly
15396D

Tritanomaly
2F3A55

Monochromacy



Original Color
393273

Achromatopsia
3C3C3C

Achromatomaly
3B3850

CSS Examples

Text

The CSS property to change the color of the text to Hex 393273 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 #393273 looks like.

```
.text, #text, p{  
    color:#393273  
}
```

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 #393273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393273
}
```

Border

The CSS property to change the border of an element to Hex 393273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

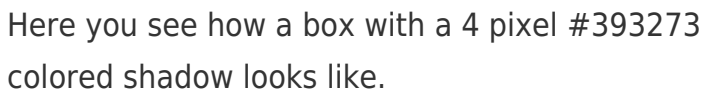
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#393273 }
```

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

```
.border{ border-color:#393273 }
```

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



Here you see how a box with a 4 pixel #393273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393273; -webkit-box-shadow:4px 4px  
4px 4px #393273; box-shadow:4px 4px 4px  
4px #393273 }
```

Background

The CSS property to change the background color of an element to Hex 393273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393273 }
```

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

```
.background{ background-color:#393273 }
```

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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