

Converting Colors

Hex(393971)

Have a look what the booklet for
Hex(393971) contains.

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Color

Hex(393971)

Conversions

Conversions Part 1

Format	Color
Hex	393971
RGB	57, 57, 113
RGB Percent	22%, 22%, 44%
CMY	0.7765, 0.7765, 0.5569
CMYK	0.50, 0.50, 0.00, 0.56
HSL	240°, 33%, 33%
HSV	240°, 50%, 44%
XYZ	6.1311, 4.9884, 16.2625
YIQ	63.3840, -17.9760, 17.4160

Conversions

Conversions Part 2

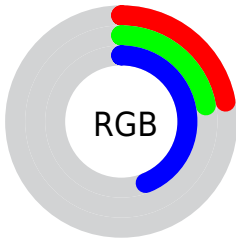
Format	Color
RYB	57, 57, 113
Decimal	3750257
CIELab	26.70, 16.47, -32.49
CIELCh	27, 36.425, 296.877
Yxy	4.9884, 0.2239, 0.1822
Android (android.graphics.Color)	4281940337 (0xFF393971)
YUV	63.3840, 24.4607, -5.5988
Hunter-Lab	22.3347, 9.9146, -27.5365

Details

The Hex color **393971** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **717139**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6C68A5**, and **021040** is the 20% darker color. If you saturate the color by 10%, you get **2E2E71**, and if you desaturate by 10%, it is **444471**.

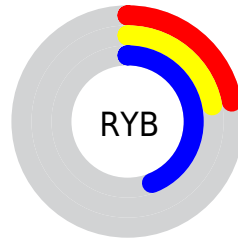
Distribution



Red (22%)

Green (22%)

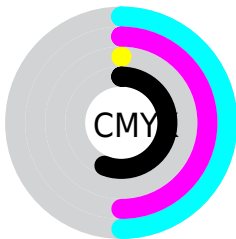
Blue (44%)



Red (22%)

Yellow (22%)

Blue (44%)

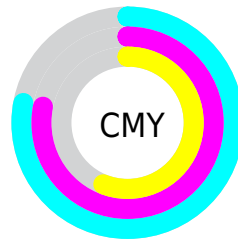


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (56%)



Cyan (78%)

Magenta (78%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393971 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 393971 by changing the saturation by 10% instead.

■ 393971

■ 393971

FFFFFF

■ 1F2458

■ 6C68A5

■ 021040

■ 8681C1

■ 00012A

■ A19BDD

■ 000114

■ BDB6F9

■ 000000

■ D9D1FF

■ F6EEFF

■ 393971

■ 393971

■ 2E2E71

■ 444471

■ 222271

■ 505071

■ 171771

■ 5B5B71

■ 0C0C71

■ 666671

■ 010171

■ 727271

■ 000071

■ 7D7D71

■ 888871

■ 939371

■ 9F9F71

Harmonies

Analogous

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



004377



393971



5E2C5E

Triad

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



393971



64320F



004C3B

Complementary

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



393971



717139

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.



074A1F



393971



4F3D00

Square

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



393971



702628



344506



004C58

Rectangle

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



393971



6B254D



344506



004B32

Sweetspot

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



393971



7E7E94



397171



3D3D4A



C9C9C9



4A4A4A

Same Dimension

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



393971



3D3D94



553971



323238



000078



0000F7

Inverse Universe

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



713971



943D94



557139



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 393971 looks on a white background.

Color Contrast Check

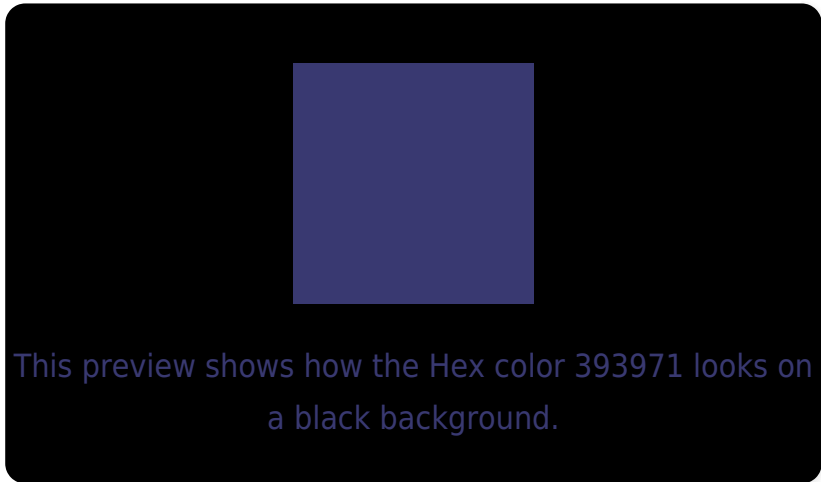
Large Text (above 18pt) WCAG AA ✓ Pass

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

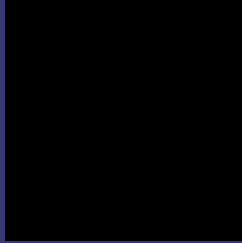
Any Text WCAG AA × Fail

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 393971 Background



This preview shows how black text looks on a background with the Hex color 393971.

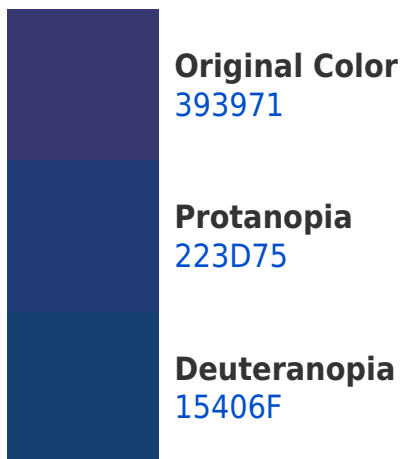


This preview shows how white text looks on a background with the Hex color 393971.

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





Tritanopia
2D4348

Trichromacy



Original Color
393971

Protanomaly
2A3C74

Deuteranomaly
223D70

Tritanomaly
313F57

Monochromacy



Original Color
393971

Achromatopsia
3F3F3F

Achromatomaly
3D3D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 393971 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 #393971 looks like.

```
.text, #text, p{  
    color:#393971  
}
```

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 #393971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393971
}
```

Border

The CSS property to change the border of an element to Hex 393971 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".

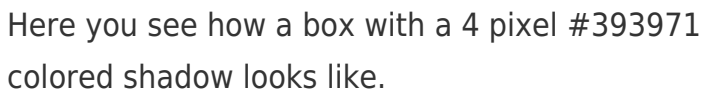
```
.border, #border, table{ border:4px solid
#393971 }
```

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

```
.border{ border-color:#393971 }
```

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

Here you see how a box with a 4 pixel #393971 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393971; -webkit-box-shadow:4px 4px  
4px 4px #393971; box-shadow:4px 4px 4px  
4px #393971 }
```

Background

The CSS property to change the background color of an element to Hex 393971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393971 }
```

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

```
.background{ background-color:#393971 }
```

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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