

# Converting Colors

Hex(393959)

Have a look what the booklet for  
Hex(393959) contains.

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# Color

**Hex(393959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	393959
RGB	57, 57, 89
RGB Percent	22%, 22%, 35%
CMY	0.7765, 0.7765, 0.6510
CMYK	0.36, 0.36, 0.00, 0.65
HSL	240°, 22%, 29%
HSV	240°, 36%, 35%
XYZ	4.9536, 4.5174, 10.0620
YIQ	60.6480, -10.2720, 9.9520

# Conversions

## Conversions Part 2

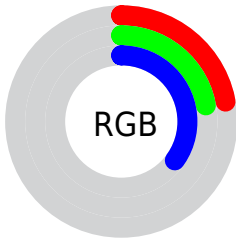
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 57, 89
Decimal	3750233
CIELab	25.31, 8.69, -19.19
CIELCh	25, 21.069, 294.368
Yxy	4.5174, 0.2536, 0.2313
Android (android.graphics.Color)	4281940313 (0xFF393959)
YUV	60.6480, 13.9775, -3.1993
Hunter-Lab	21.2541, 4.4078, -13.1910

# Details

The Hex color **393959** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595939**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **69688B**, and **0D0E2B** is the 20% darker color. If you saturate the color by 10%, you get **303059**, and if you desaturate by 10%, it is **424259**.

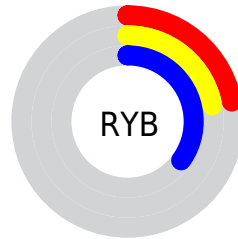
# Distribution



Red (22%)

Green (22%)

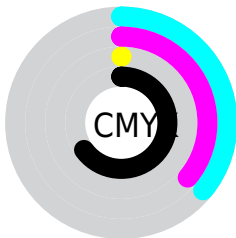
Blue (35%)



Red (22%)

Yellow (22%)

Blue (35%)

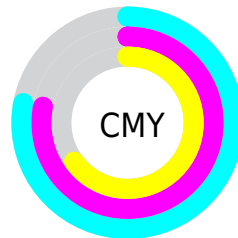


Cyan (36%)

Magenta (36%)

Yellow (0%)

Black (65%)



Cyan (78%)

Magenta (78%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 393959 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 393959 by changing the saturation by 10% instead.





393959



393959

FFFFFF



222441



69688B



0D0E2B



8381A6



000116



9D9BC1



000000



B8B6DD



D4D1F9



F0EEFF



393959



393959



303059



424259

■ 272759

■ 4B4B59

■ 1E1E59

■ 545459

■ 151559

■ 5D5D59

■ 0D0D59

■ 666659

■ 040459

■ 6E6E59

■ 000059

■ 777759

■ 808059

■ 898959

# Harmonies

## Analogous

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



1C3F5C



393959



4D334F

# Triad

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



393959



553423



0C4438

# Complementary

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



393959



595939

# 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.



264229



393959



493A1C

# Square

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



393959



5A3030



393F1E



004449

# Rectangle

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



393959



563045



393F1E



164433



# Sweetspot

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



393959



666673



395959



33333B



BABABA



3B3B3B



# Same Dimension

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



393959



414173



493959



27272B



00006B



0000EB



# Inverse Universe

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



593959



734173



495939



2B272B



6B006B



EB00EB



# Previews

## White Background



This preview shows how the Hex color 393959 looks on a white background.

## Color Contrast Check

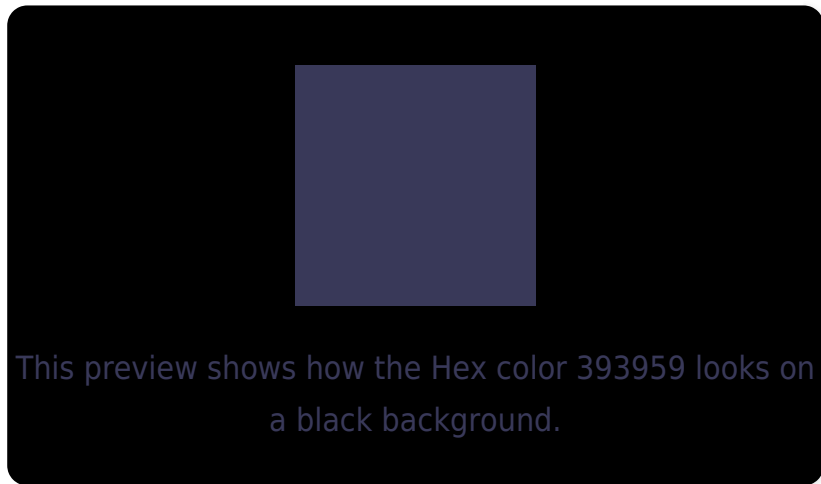
Large Text (above 18pt) WCAG AA ✓ Pass

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

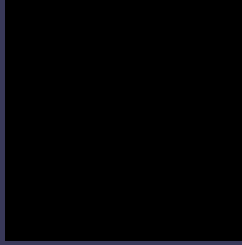
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 393959 Background



This preview shows how black text looks on a background with the Hex color 393959.

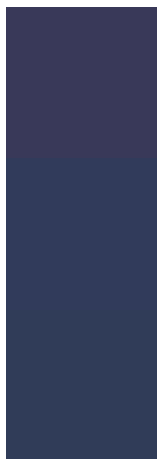


This preview shows how white text looks on a background with the Hex color 393959.

# 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](#).

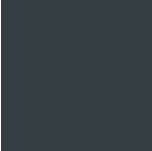
## Dichromacy



**Original Color**  
393959

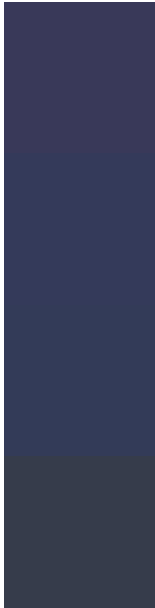
**Protanopia**  
313B5B

**Deuteranopia**  
303C58



**Tritanopia**  
343E43

# Trichromacy



**Original Color**  
393959

**Protanomaly**  
343A5A

**Deuteranomaly**  
333B58

**Tritanomaly**  
363C4B

# Monochromacy



**Original Color**  
393959

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3C3C47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 393959 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 #393959 looks like.

```
.text, #text, p{  
    color:#393959  
}
```

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 #393959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393959
}
```

## Border

The CSS property to change the border of an element to Hex 393959 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
#393959 }
```

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

```
.border{ border-color:#393959 }
```

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

Here you see how a box with a 4 pixel #393959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393959; -webkit-box-shadow:4px 4px  
4px 4px #393959; box-shadow:4px 4px 4px  
4px #393959 }
```

# Background

The CSS property to change the background color of an element to Hex 393959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393959 }
```

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

```
.background{ background-color:#393959 }
```

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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