

Converting Colors

Hex(393939)

Have a look what the booklet for
Hex(393939) contains.

Hex(393939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	15
<i>Color Blindness Simulation</i>	18
<i>CSS Examples</i>	21

Color

Hex(393939)

Conversions

Conversions Part 1

Format	Color
Hex	393939
RGB	57, 57, 57
RGB Percent	22%, 22%, 22%
CMY	0.7765, 0.7765, 0.7765
CMYK	0.00, 0.00, 0.00, 0.78
HSL	0°, 0%, 22%
HSV	0°, 0%, 22%
XYZ	3.8890, 4.0915, 4.4557
YIQ	57.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
RYB	57, 57, 57
Decimal	3750201
CIELab	23.97, 0.00, -0.00
CIELCh	24, 0.004, 296.813
Yxy	4.0915, 0.3127, 0.3290
Android (android.graphics.Color)	4281940281 (0xFF393939)
YUV	57.0000, 0.0000, 0.0000
Hunter-Lab	20.2275, -1.0793, 1.0990

Details

The Hex color **393939** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393939**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **686868**, and **0E0E0E** is the 20% darker color. If you saturate the color by 10%, you get **393333**, and if you desaturate by 10%, it is **393F3F**.

Distribution



Red (22%)

Green (22%)

Blue (22%)



Red (22%)

Yellow (22%)

Blue (22%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393939 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 393939 by changing the saturation by 10% instead.

■ 393939

■ 393939

FFFFFF

■ 242424

■ 686868

■ 0E0E0E

■ 818181

■ 000000

■ 9B9B9B

■ B6B6B6

■ D1D1D1

■ EEEEE

■ 393939

■ 393939

■ 393333

■ 393F3F

■ 392E2E

■ 394444

■ 392828

■ 394A4A

■ 392222

■ 395050

■ 391D1D

■ 395656

■ 391717

■ 395B5B

■ 391111

■ 396161

■ 390B0B

■ 396767

■ 390606

■ 396C6C

Harmonies

Sweetspot

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



393939



4A4A4A



262626



A6A6A6

Same Dimension

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



393939



4A4A4A



1C1C1C



5C0000



DB0000

Inverse Universe

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



393939



4A4A4A



1C1C1C



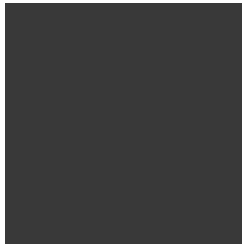
005C5C



00DBDB

Previews

White Background



This preview shows how the Hex color 393939 looks on a white background.

Color Contrast Check

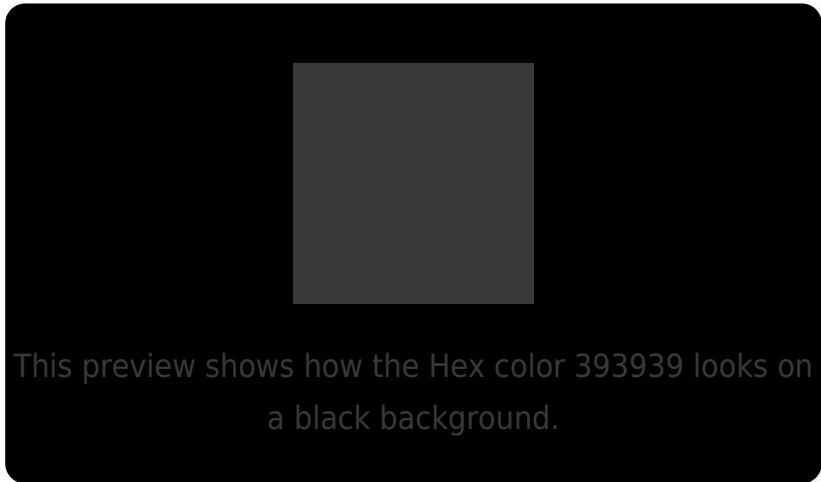
Large Text (above 18pt) WCAG AA ✓ Pass

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

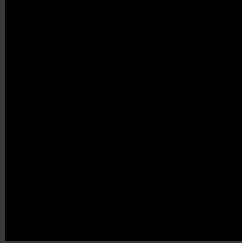
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

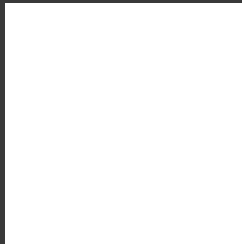
Any Text WCAG AAA × Fail

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

Hex 393939 Background



This preview shows how black text looks on a background with the Hex color 393939.

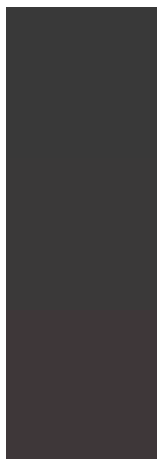


This preview shows how white text looks on a background with the Hex color 393939.

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
393939

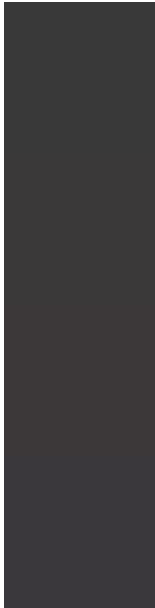
Protanopia
3A3939

Deuteranopia
3E3739



Tritanopia
3A383D

Trichromacy



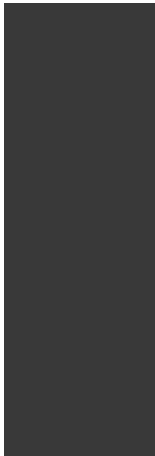
Original Color
393939

Protanomaly
3A3939

Deuteranomaly
3C3839

Tritanomaly
3A383C

Monochromacy



Original Color
393939

Achromatopsia
393939

Achromatomaly
393939

CSS Examples

Text

The CSS property to change the color of the text to Hex 393939 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 #393939 looks like.

```
.text, #text, p{  
    color:#393939  
}
```

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 #393939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393939
}
```

Border

The CSS property to change the border of an element to Hex 393939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

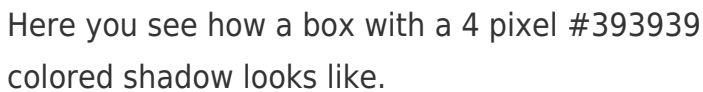
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#393939 }
```

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

```
.border{ border-color:#393939 }
```

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



Here you see how a box with a 4 pixel #393939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393939; -webkit-box-shadow:4px 4px  
4px 4px #393939; box-shadow:4px 4px 4px  
4px #393939 }
```

Background

The CSS property to change the background color of an element to Hex 393939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393939 }
```

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

```
.background{ background-color:#393939 }
```

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