

# Converting Colors

Hex(3C3935)

Have a look what the booklet for  
Hex(3C3935) contains.

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# Color

Hex(3C3935)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C3935
RGB	60, 57, 53
RGB Percent	24%, 22%, 21%
CMY	0.7647, 0.7765, 0.7922
CMYK	0.00, 0.05, 0.12, 0.76
HSL	34°, 6%, 22%
HSV	34°, 12%, 24%
XYZ	3.9692, 4.1440, 3.9588
YIQ	57.4410, 3.0720, -0.6080

# Conversions

## Conversions Part 2

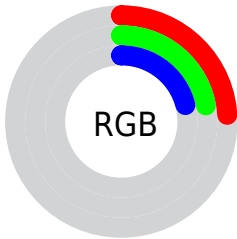
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 60, 53
Decimal	3946805
CIE Lab	24.14, 0.45, 2.95
CIE LCh	24, 2.986, 81.420
Yxy	4.1440, 0.3288, 0.3433
Android (android.graphics.Color)	4282136885 (0xFF3C3935)
YUV	57.4410, -2.1894, 2.2442
Hunter-Lab	20.3567, -0.8198, 2.7194

# Details

The Hex color **3C3935** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35383C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6B6863**, and **120E08** is the 20% darker color. If you saturate the color by 10%, you get **3C362F**, and if you desaturate by 10%, it is **3C3C3B**.

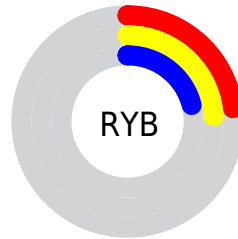
# Distribution



Red (24%)

Green (22%)

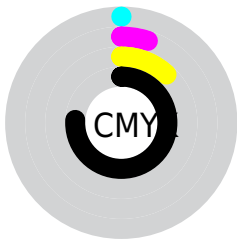
Blue (21%)



Red (23%)

Yellow (24%)

Blue (21%)

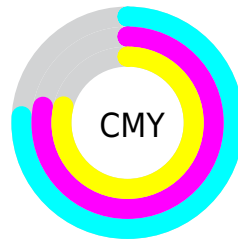


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C3935 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 3C3935 by changing the saturation by 10% instead.





3C3935



3C3935

FFFFFF



262420



6B6863



120E08



85817C



000000



9F9B96



BAB6B1



D5D1CC



F2EEE8



3C3935



3C3935



3C362F



3C3C3B

■ 3C3429

■ 3C3E41

■ 3C3123

■ 3C4147

■ 3C2F1D

■ 3C434D

■ 3C2C17

■ 3C4653

■ 3C2A11

■ 3C4859

■ 3C270B

■ 3C4B5F

■ 3C2405

■ 3C4E65

■ 3C2200

■ 3C506B

# Harmonies

## Analogous

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



3E3836



3C3935



3A3A35

# Triad

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



3C3935



343B3B



3C383C

# Complementary

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



3C3935



35383C

# 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.



39393E



3C3935



353A3D

# Square

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



3C3935



353B39



363A3E



3E383A

# Rectangle

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



3C3935



383A36



363A3E



3B393D



# Sweetspot

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



3C3935



4F4E4C



3C3538



292827



A8A8A8



292929



# Same Dimension

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



3C3935



4F4A44



3C3C35



1F1D1C



5E3600



DE7F00



# Inverse Universe

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



35383C



44494F



35353C



1C1D1F



00285E



005FDE



# Previews

## White Background



This preview shows how the Hex color 3C3935 looks on a white background.

## Color Contrast Check

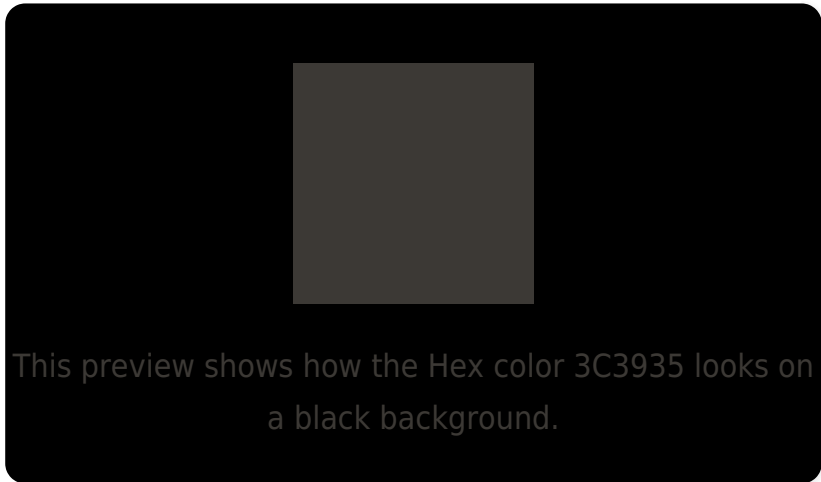
Large Text (above 18pt) WCAG AA ✓ Pass

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

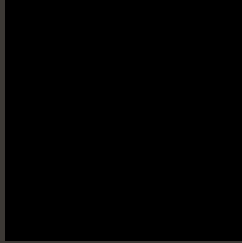
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

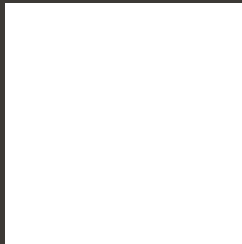
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C3935 Background



This preview shows how black text looks on a background with the Hex color 3C3935.



This preview shows how white text looks on a background with the Hex color 3C3935.

# 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**  
3C3935

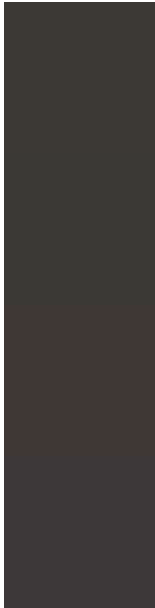
**Protanopia**  
3B3935

**Deuteranopia**  
403735



**Tritanopia**  
3D383C

# Trichromacy



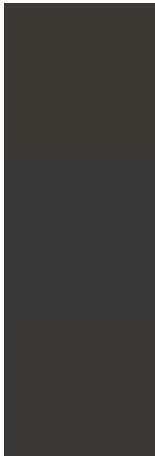
**Original Color**  
3C3935

**Protanomaly**  
3B3935

**Deuteranomaly**  
3F3835

**Tritanomaly**  
3D3839

# Monochromacy



**Original Color**  
3C3935

**Achromatopsia**  
393939

**Achromatomaly**  
3A3938

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C3935 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 #3C3935 looks like.

```
.text, #text, p{  
    color:#3C3935  
}
```

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 #3C3935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3935
}
```

## Border

The CSS property to change the border of an element to Hex 3C3935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

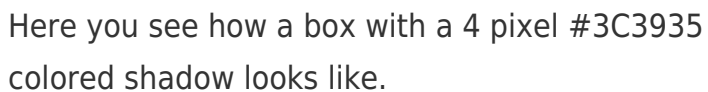
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3935 }
```

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

```
.border{ border-color:#3C3935 }
```

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



Here you see how a box with a 4 pixel #3C3935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3935; -webkit-box-shadow:4px 4px  
4px 4px #3C3935; box-shadow:4px 4px 4px  
4px #3C3935 }
```

# Background

The CSS property to change the background color of an element to Hex 3C3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3935 }
```

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

```
.background{ background-color:#3C3935 }
```

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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