

Converting Colors

Hex(384949)

Have a look what the booklet for
Hex(384949) contains.

Hex(384949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(384949)

Conversions

Conversions Part 1

Format	Color
Hex	384949
RGB	56, 73, 73
RGB Percent	22%, 29%, 29%
CMY	0.7804, 0.7137, 0.7137
CMYK	0.23, 0.00, 0.00, 0.71
HSL	180°, 13%, 25%
HSV	180°, 23%, 29%
XYZ	5.2160, 6.0869, 7.2033
YIQ	67.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

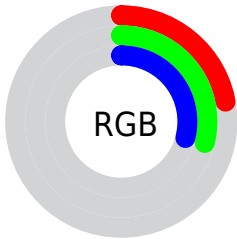
Format	Color
RYB	56, 65, 73
Decimal	3688777
CIELab	29.63, -6.68, -2.22
CIELCh	30, 7.034, 198.355
Yxy	6.0869, 0.2819, 0.3289
Android (android.graphics.Color)	4281878857 (0xFF384949)
YUV	67.9170, 2.5059, -10.4512
Hunter-Lab	24.6716, -5.4371, -0.0406

Details

The Hex color **384949** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493838**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **677A79**, and **0D1D1E** is the 20% darker color. If you saturate the color by 10%, you get **314949**, and if you desaturate by 10%, it is **3F4949**.

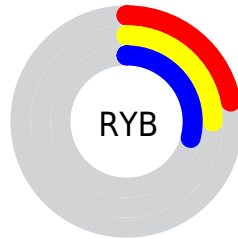
Distribution



Red (22%)

Green (29%)

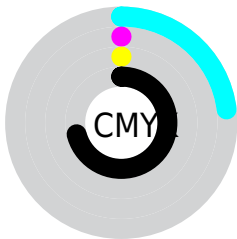
Blue (29%)



Red (22%)

Yellow (25%)

Blue (29%)

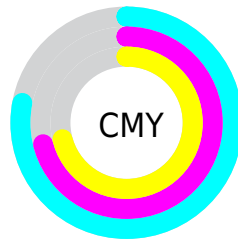


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (71%)



Cyan (78%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 384949 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 384949 by changing the saturation by 10% instead.



384949



384949

FFFFFF



223233



677A79



0D1D1E



819393



000004



9BAEAE



000000



B6C9C9



D1E5E5



EEFFFF



384949



384949



314949



3F4949

■ 294949

■ 474949

■ 224949

■ 4E4949

■ 1B4949

■ 554949

■ 144949

■ 5D4949

■ 0C4949

■ 644949

■ 054949

■ 6B4949

■ 004949

■ 724949

■ 7A4949

Harmonies

Analogous

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



3B4943



384949



39484E

Triad

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



384949



4B434D



4C453B

Complementary

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



384949



493838

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.



50433E



384949



504248

Square

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



384949



444550



524243



47463B

Rectangle

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



384949



3C4750



524243



4E443C

Sweetspot

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



384949



585E5E



384938



2D3030



B0B0B0



303030

Same Dimension

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



384949



445E5E



384149



202424



006363



00E3E3

Inverse Universe

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



493849



5E445E



494138



242024



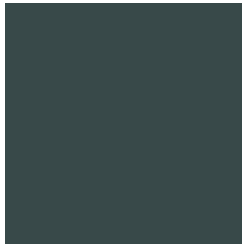
630063



E300E3

Previews

White Background



This preview shows how the Hex color 384949 looks on a white background.

Color Contrast Check

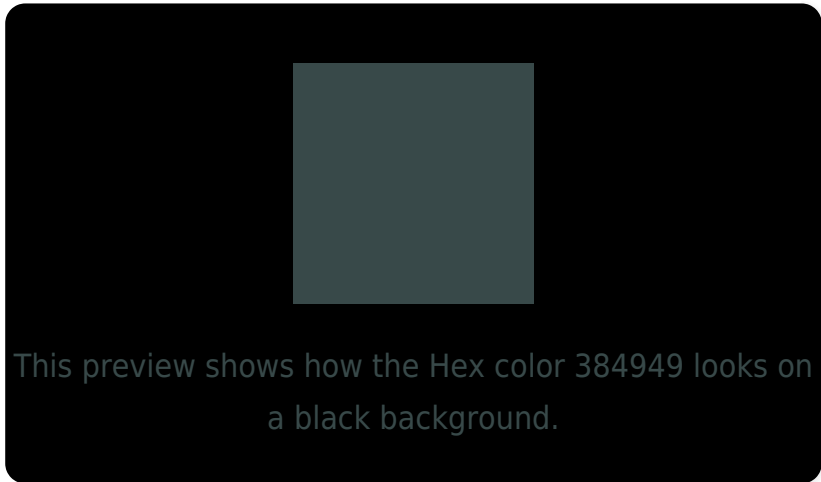
Large Text (above 18pt) WCAG AA ✓ Pass

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

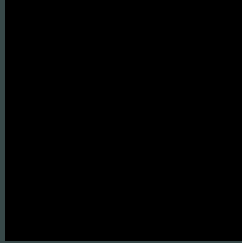
Any Text WCAG AA × Fail

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 384949 Background



This preview shows how black text looks on a background with the Hex color 384949.



This preview shows how white text looks on a background with the Hex color 384949.

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
384949

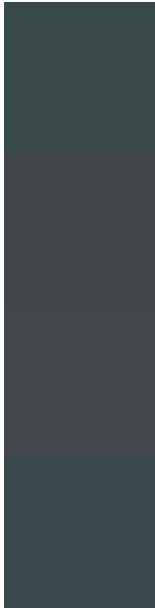
Protanopia
464547

Deuteranopia
4A444A



Tritanopia
39484E

Trichromacy



Original Color
384949

Protanomaly
414648

Deuteranomaly
43464A

Tritanomaly
39484C

Monochromacy



Original Color
384949

Achromatopsia
444444

Achromatomaly
404646

CSS Examples

Text

The CSS property to change the color of the text to Hex 384949 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 #384949 looks like.

```
.text, #text, p{  
    color:#384949  
}
```

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 #384949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384949
}
```

Border

The CSS property to change the border of an element to Hex 384949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

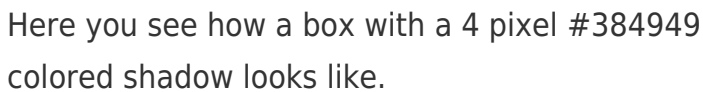
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#384949 }
```

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

```
.border{ border-color:#384949 }
```

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



Here you see how a box with a 4 pixel #384949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384949; -webkit-box-shadow:4px 4px  
4px 4px #384949; box-shadow:4px 4px 4px  
4px #384949 }
```

Background

The CSS property to change the background color of an element to Hex 384949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384949 }
```

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

```
.background{ background-color:#384949 }
```

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