

# Converting Colors

Hex(384146)

Have a look what the booklet for  
Hex(384146) contains.

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# Color

**Hex(384146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	384146
RGB	56, 65, 70
RGB Percent	22%, 25%, 27%
CMY	0.7804, 0.7451, 0.7255
CMYK	0.20, 0.07, 0.00, 0.73
HSL	201°, 11%, 25%
HSV	201°, 20%, 27%
XYZ	4.6267, 5.0635, 6.5279
YIQ	62.8790, -6.9690, -0.3530

# Conversions

## Conversions Part 2

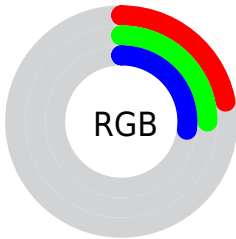
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 61, 70
Decimal	3686726
CIE Lab	26.92, -2.42, -4.29
CIE LCh	27, 4.919, 240.594
Yxy	5.0635, 0.2853, 0.3122
Android (android.graphics.Color)	4281876806 (0xFF384146)
YUV	62.8790, 3.5107, -6.0329
Hunter-Lab	22.5023, -2.6779, -1.4482

# Details

The Hex color **384146** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **463D38**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **677176**, and **0D171B** is the 20% darker color. If you saturate the color by 10%, you get **313F46**, and if you desaturate by 10%, it is **3F4446**.

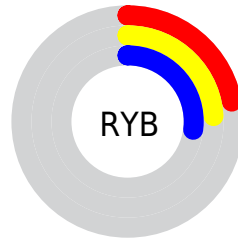
# Distribution



Red (22%)

Green (25%)

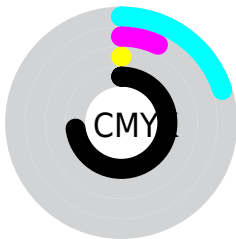
Blue (27%)



Red (22%)

Yellow (24%)

Blue (27%)

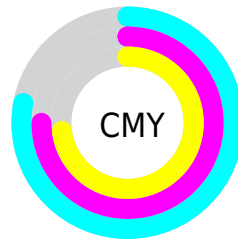


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (73%)



Cyan (78%)

Magenta (75%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 384146 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 384146 by changing the saturation by 10% instead.



■ 384146

■ 384146

FFFFFF

■ 222B30

■ 677176

■ 0D171B

■ 808A90

■ 000000

■ 9AA4AA

■ B5C0C6

■ D1DBE2

■ EDF8FE

■ 384146

■ 384146

■ 313F46

■ 3F4446

■ 2A3C46

■ 464646

■ 233A46

■ 4D4946

■ 1C3746

■ 544B46

■ 153546

■ 5B4E46

■ 0E3246

■ 625046

■ 073046

■ 695346

■ 002D46

■ 705546

■ 775846

# Harmonies

## Analogous

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



364243



384146



3C4047

# Triad

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



384146



473D40



3E4139

# Complementary

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



384146



463D38

# 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.



433F38



384146



483D3C

# Square

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



384146



453E43



463E39



3A413C

# Rectangle

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



384146



3F3F47



463E39



404039



# Sweetspot

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



384146



565A5C



38463D



2B2D2E



ADADAD



2E2E2E



# Same Dimension

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



384146



46545C



383A46



202224



004063



0092E3



# Inverse Universe

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



463841



5C4654



464438



242022



630040

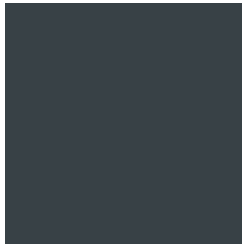


E30092



# Previews

## White Background



This preview shows how the Hex color 384146 looks on a white background.

## Color Contrast Check

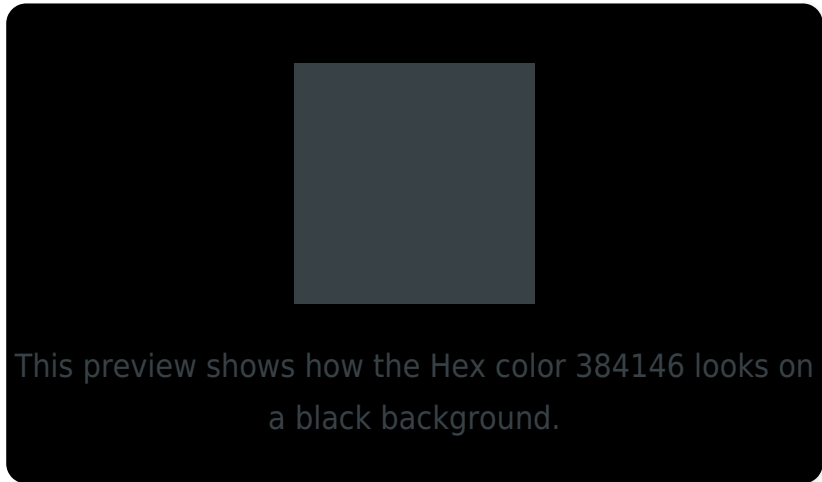
Large Text (above 18pt) WCAG AA ✓ Pass

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

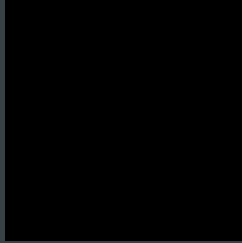
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

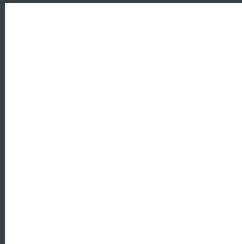
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 384146 Background



This preview shows how black text looks on a background with the Hex color 384146.

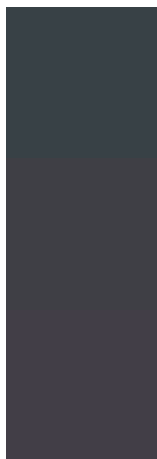


This preview shows how white text looks on a background with the Hex color 384146.

# 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**

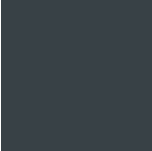
384146

**Protanopia**

3F3F45

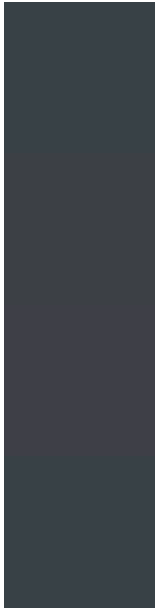
**Deuteranopia**

423E47



**Tritanopia**  
384146

# Trichromacy



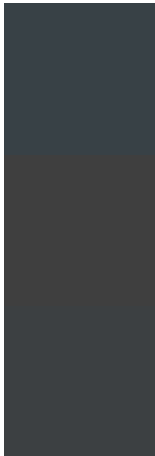
**Original Color**  
384146

**Protanomaly**  
3C4045

**Deuteranomaly**  
3E3F47

**Tritanomaly**  
384146

# Monochromacy



**Original Color**  
384146

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3C4042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 384146 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 #384146 looks like.

```
.text, #text, p{  
    color:#384146  
}
```

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 #384146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384146
}
```

## Border

The CSS property to change the border of an element to Hex 384146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

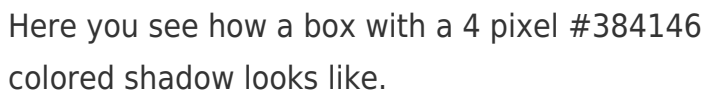
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#384146 }
```

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

```
.border{ border-color:#384146 }
```

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



Here you see how a box with a 4 pixel #384146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384146; -webkit-box-shadow:4px 4px  
4px 4px #384146; box-shadow:4px 4px 4px  
4px #384146 }
```

# Background

The CSS property to change the background color of an element to Hex 384146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384146 }
```

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

```
.background{ background-color:#384146 }
```

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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