

Converting Colors

Hex(384751)

Have a look what the booklet for
Hex(384751) contains.

Hex(384751)	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(384751)

Conversions

Conversions Part 1

Format	Color
Hex	384751
RGB	56, 71, 81
RGB Percent	22%, 28%, 32%
CMY	0.7804, 0.7216, 0.6824
CMYK	0.31, 0.12, 0.00, 0.68
HSL	204°, 18%, 27%
HSV	204°, 31%, 32%
XYZ	5.3693, 5.9413, 8.6484
YIQ	67.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

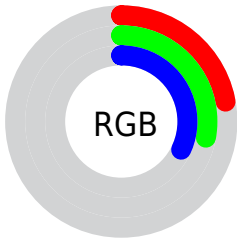
Format	Color
RYB	56, 65, 81
Decimal	3688273
CIELab	29.26, -3.25, -7.93
CIElCh	29, 8.571, 247.702
Yxy	5.9413, 0.2690, 0.2977
Android (android.graphics.Color)	4281878353 (0xFF384751)
YUV	67.6550, 6.5791, -10.2214
Hunter-Lab	24.3748, -3.3356, -3.9742

Details

The Hex color **384751** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **514238**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **687782**, and **0D1C24** is the 20% darker color. If you saturate the color by 10%, you get **304451**, and if you desaturate by 10%, it is **404A51**.

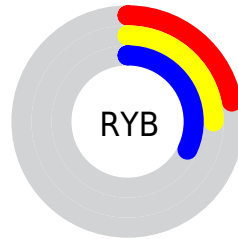
Distribution



Red (22%)

Green (28%)

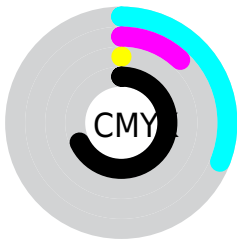
Blue (32%)



Red (22%)

Yellow (25%)

Blue (32%)

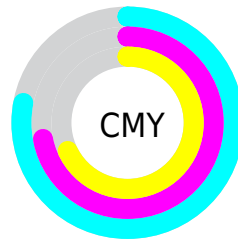


Cyan (31%)

Magenta (12%)

Yellow (0%)

Black (68%)



Cyan (78%)

Magenta (72%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 384751 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 384751 by changing the saturation by 10% instead.

■ 384751

■ 384751

FFFFFF

■ 22313A

■ 687782

■ 0D1C24

■ 81919C

■ 00010F

■ 9BABB7

■ 000000

■ B6C7D3

■ D2E3EF

■ EEEFFF

■ 384751

■ 384751

■ 304451

■ 404A51

■ 284151

■ 484D51

■ 203D51

■ 505151

■ 183A51

■ 585451

■ 0F3751

■ 615751

■ 073451

■ 695A51

■ 003151

■ 715E51

■ 796151

■ 816451

Harmonies

Analogous

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



34484D



384751



404552

Triad

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



384751



534043



41473A

Complementary

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



384751



514238

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.



484538



384751



52413D

Square

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



384751



4F414A



4F4339



3A4840

Rectangle

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



384751



464351



4F4339



434639

Sweetspot

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



384751



5F6569



385142



303336



B5B5B5



363636

Same Dimension

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



384751



425969



383A51



252729



003F69



008BE8

Inverse Universe

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



513847



694259



514E38



292527



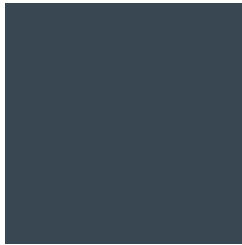
69003F



E8008B

Previews

White Background



This preview shows how the Hex color 384751 looks on a white background.

Color Contrast Check

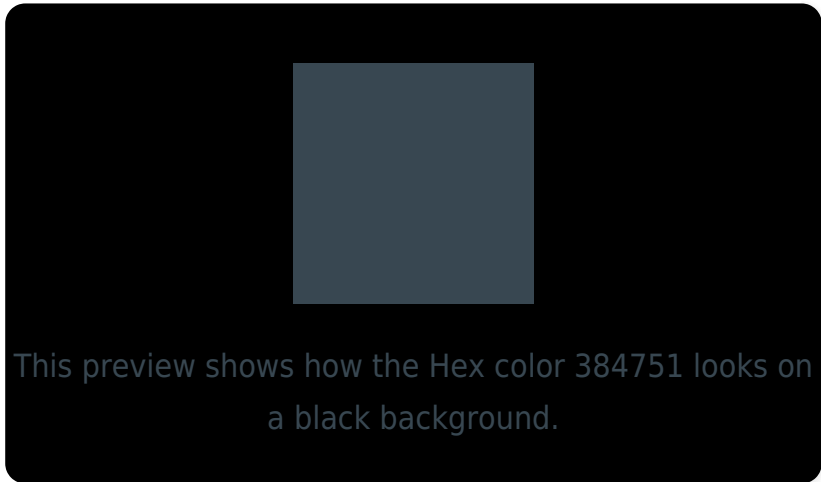
Large Text (above 18pt) WCAG AA ✓ Pass

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

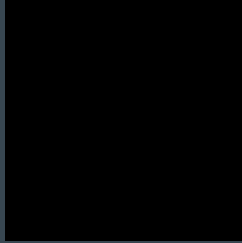
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

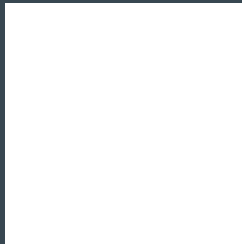
Any Text WCAG AAA × Fail

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

Hex 384751 Background



This preview shows how black text looks on a background with the Hex color 384751.



This preview shows how white text looks on a background with the Hex color 384751.

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](#).

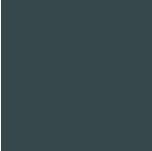
Dichromacy



Original Color
384751

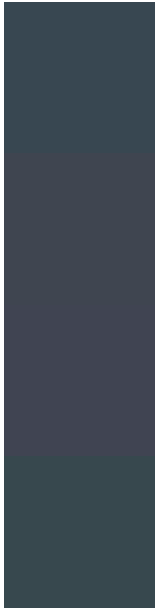
Protanopia
43444F

Deuteranopia
454352



Tritanopia
37484D

Trichromacy



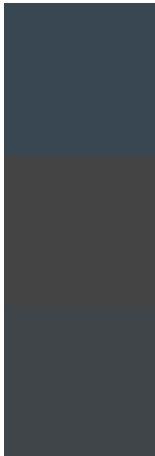
Original Color
384751

Protanomaly
3F4550

Deuteranomaly
404452

Tritanomaly
37484E

Monochromacy



Original Color
384751

Achromatopsia
444444

Achromatomaly
404549

CSS Examples

Text

The CSS property to change the color of the text to Hex 384751 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 #384751 looks like.

```
.text, #text, p{  
  color:#384751  
}
```

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 #384751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384751
}
```

Border

The CSS property to change the border of an element to Hex 384751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

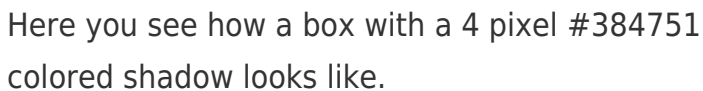
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#384751 }
```

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

```
.border{ border-color:#384751 }
```

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



Here you see how a box with a 4 pixel #384751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384751; -webkit-box-shadow:4px 4px  
4px 4px #384751; box-shadow:4px 4px 4px  
4px #384751 }
```

Background

The CSS property to change the background color of an element to Hex 384751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384751 }
```

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

```
.background{ background-color:#384751 }
```

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