

Converting Colors

Hex(383A51)

Have a look what the booklet for
Hex(383A51) contains.

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Color

Hex(383A51)

Conversions

Conversions Part 1

Format	Color
Hex	383A51
RGB	56, 58, 81
RGB Percent	22%, 23%, 32%
CMY	0.7804, 0.7725, 0.6824
CMYK	0.31, 0.28, 0.00, 0.68
HSL	235°, 18%, 27%
HSV	235°, 31%, 32%
XYZ	4.6291, 4.4609, 8.4016
YIQ	60.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

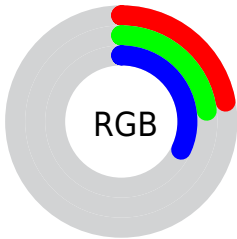
Format	Color
R_{YB}	56, 58, 81
Decimal	3684945
CIE Lab	25.14, 5.27, -14.21
CIE LCh	25, 15.159, 290.332
Yxy	4.4609, 0.2646, 0.2550
Android (android.graphics.Color)	4281875025 (0xFF383A51)
YUV	60.0240, 10.3412, -3.5290
Hunter-Lab	21.1210, 2.1607, -8.8001

Details

The Hex color **383A51** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **514F38**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **686982**, and **0D0F24** is the 20% darker color. If you saturate the color by 10%, you get **303351**, and if you desaturate by 10%, it is **404151**.

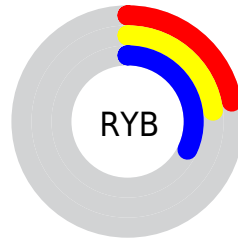
Distribution



Red (22%)

Green (23%)

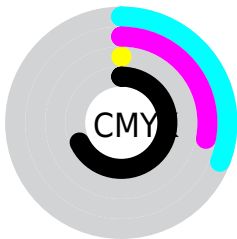
Blue (32%)



Red (22%)

Yellow (23%)

Blue (32%)

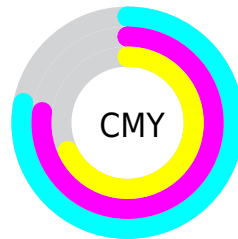


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (68%)



Cyan (78%)

Magenta (77%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383A51 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 383A51 by changing the saturation by 10% instead.



383A51



383A51

FFFFFF



22243A



686982



0D0F24



81829C



00010E



9B9CB7



000000



B6B7D3



D2D3EF



EEEEFF



383A51



383A51



303351



404151

■ 282B51

■ 484951

■ 202451

■ 505051

■ 181C51

■ 585851

■ 0F1551

■ 615F51

■ 070D51

■ 696751

■ 000651

■ 716E51

■ 797651

■ 817D51

Harmonies

Analogous

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



273E52



383A51



47364A

Triad

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



383A51



4F362A



214237

Complementary

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



383A51



514F38

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.



2E402D



383A51



473A25

Square

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



383A51



523334



3C3D26



174243

Rectangle

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



383A51



4D3444



3C3D26



254134

Sweetspot

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



383A51



5F6069



38514F



303036



B5B5B5



363636

Same Dimension

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



383A51



424569



423851



252529



000869



0013E8

Inverse Universe

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



51383A



694245



475138



292525



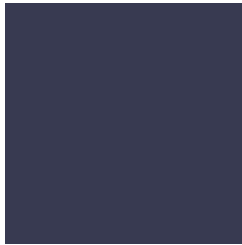
690008



E80013

Previews

White Background



This preview shows how the Hex color 383A51 looks on a white background.

Color Contrast Check

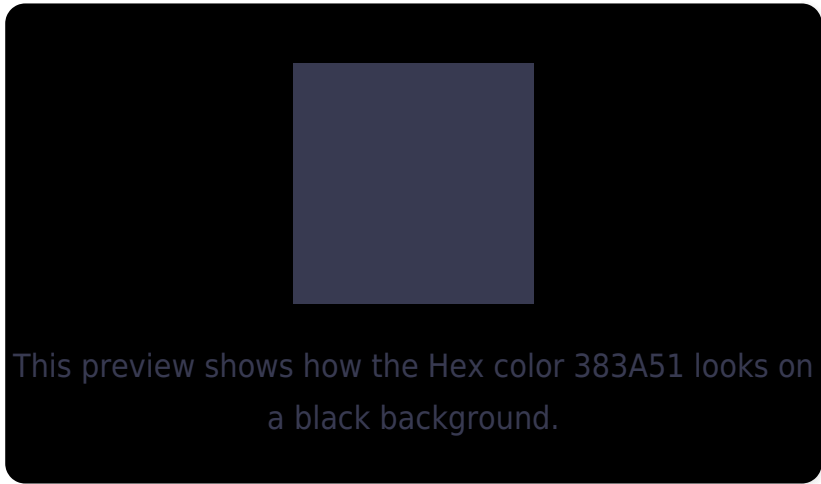
Large Text (above 18pt) WCAG AA ✓ Pass

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

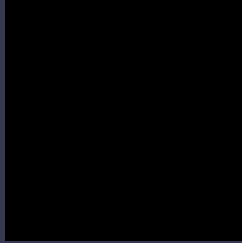
Any Text WCAG AA × Fail

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 383A51 Background



This preview shows how black text looks on a background with the Hex color 383A51.

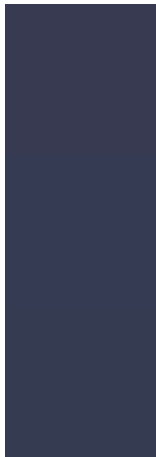


This preview shows how white text looks on a background with the Hex color 383A51.

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
383A51

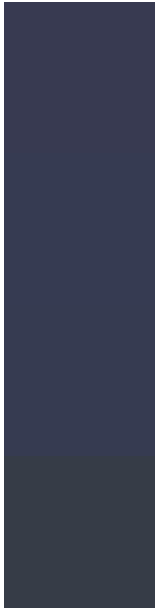
Protanopia
353B52

Deuteranopia
353B51



Tritanopia
353D42

Trichromacy



Original Color
383A51

Protanomaly
363B52

Deuteranomaly
363B51

Tritanomaly
363C47

Monochromacy



Original Color
383A51

Achromatopsia
3C3C3C

Achromatomaly
3B3B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 383A51 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 #383A51 looks like.

```
.text, #text, p{  
    color:#383A51  
}
```

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 #383A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383A51
}
```

Border

The CSS property to change the border of an element to Hex 383A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

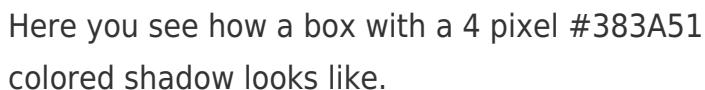
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383A51 }
```

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

```
.border{ border-color:#383A51 }
```

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



Here you see how a box with a 4 pixel #383A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383A51; -webkit-box-shadow:4px 4px  
4px 4px #383A51; box-shadow:4px 4px 4px  
4px #383A51 }
```

Background

The CSS property to change the background color of an element to Hex 383A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383A51 }
```

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

```
.background{ background-color:#383A51 }
```

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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