

Converting Colors

Hex(38283E)

Have a look what the booklet for
Hex(38283E) contains.

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Color

Hex(38283E)

Conversions

Conversions Part 1

Format	Color
Hex	38283E
RGB	56, 40, 62
RGB Percent	22%, 16%, 24%
CMY	0.7804, 0.8431, 0.7569
CMYK	0.10, 0.35, 0.00, 0.76
HSL	284°, 22%, 20%
HSV	284°, 35%, 24%
XYZ	3.2592, 2.7061, 4.9080
YIQ	47.2920, 2.4740, 10.2340

Conversions

Conversions Part 2

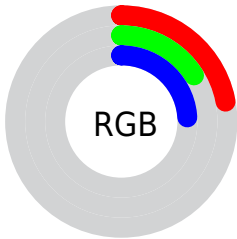
Format	Color
R_{YB}	56, 40, 62
Decimal	3680318
CIE _{Lab}	18.83, 12.33, -11.13
CIE _{LCh}	19, 16.609, 317.914
Yxy	2.7061, 0.2997, 0.2489
Android (android.graphics.Color)	4281870398 (0xFF38283E)
YUV	47.2920, 7.2510, 7.6369
Hunter-Lab	16.4503, 6.5767, -6.1740




Details

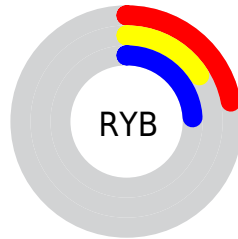
The Hex color **38283E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E3E28**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **67556E**, and **080014** is the 20% darker color. If you saturate the color by 10%, you get **36223E**, and if you desaturate by 10%, it is **3A2E3E**.

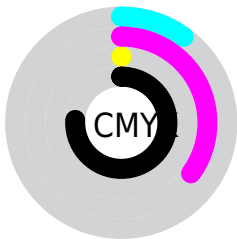
Distribution







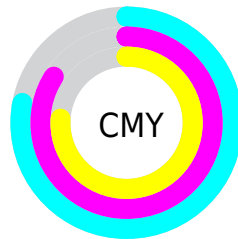
-  Red (22%)
-  Green (16%)
-  Blue (24%)






-  Red (22%)
-  Yellow (16%)
-  Blue (24%)



-  Cyan (10%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (78%)
-  Magenta (84%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38283E 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 38283E by changing the saturation by 10% instead.

■ 38283E

■ 38283E

FFFFFF

■ 221428

■ 67556E

■ 080014

■ 806E87

■ 000000

■ 9B87A1

■ B5A1BC

■ D1BCD8

■ EDD8F4

■ FFF5FF

■ 38283E

■ 38283E

■ 36223E

■ 3A2E3E

■ 351C3E

■ 3B343E

■ 33153E

■ 3D3B3E

■ 310F3E

■ 3F413E

■ 30093E

■ 40473E

■ 2E033E

■ 424D3E

■ 2D003E

■ 44533E

■ 465A3E

■ 47603E

Harmonies

Analogous

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



282C45



38283E



422533

Triad

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



38283E



3A2B16



003435

Complementary

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



38283E



2E3E28

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.



103428



38283E



2E2F16

Square

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



38283E



42271C



21321D



00333F

Rectangle

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



38283E



45242B



21321D



033431

Sweetspot

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



38283E



4F4952



282E3E



272329



A8A8A8



292929

Same Dimension

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



38283E



482F52



3E2839



1E1C1F



45005E



A100DE

Inverse Universe

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



3E282E



522F38



283E2D



1F1C1C



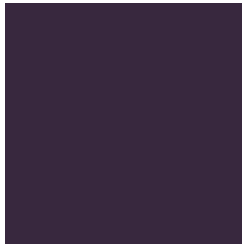
5E001A



DE003D

Previews

White Background



This preview shows how the Hex color 38283E looks on a white background.

Color Contrast Check

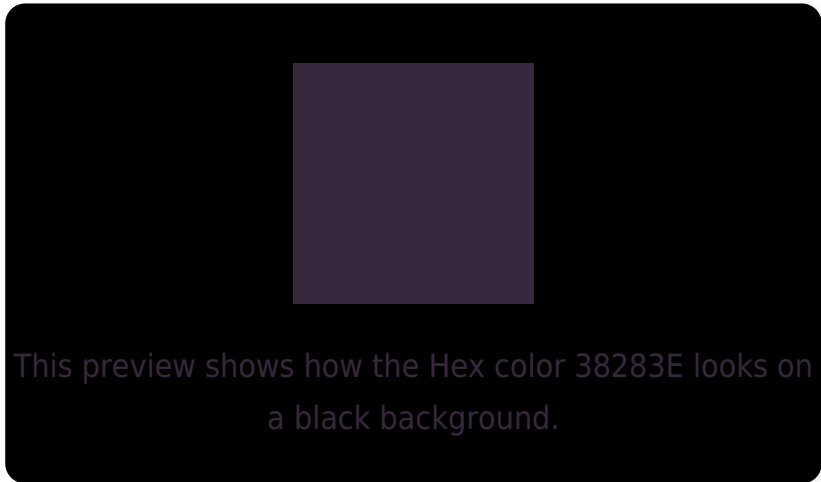
Large Text (above 18pt) WCAG AA ✓ Pass

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

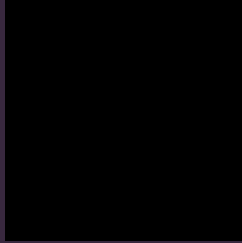
Any Text WCAG AA × Fail

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 38283E Background



This preview shows how black text looks on a background with the Hex color 38283E.



This preview shows how white text looks on a background with the Hex color 38283E.

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
38283E

Protanopia
272D42

Deuteranopia
2A2D3D



Tritanopia
362B2F

Trichromacy



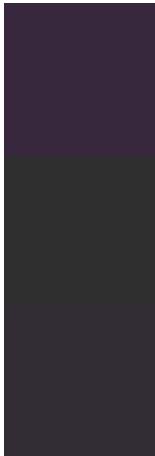
Original Color
38283E

Protanomaly
2D2B41

Deuteranomaly
2F2B3D

Tritanomaly
372A34

Monochromacy



Original Color
38283E

Achromatopsia
2F2F2F

Achromatomaly
322C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 38283E 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 #38283E looks like.

```
.text, #text, p{  
    color:#38283E  
}
```

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 #38283E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38283E
}
```

Border

The CSS property to change the border of an element to Hex 38283E is called "border". The border property can be set on classes, ids or directly on the HTML element.

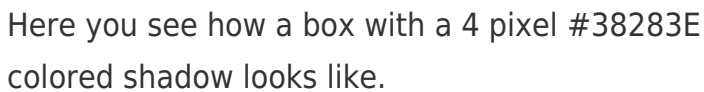
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38283E }
```

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

```
.border{ border-color:#38283E }
```

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



Here you see how a box with a 4 pixel #38283E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38283E; -webkit-box-shadow:4px 4px  
4px 4px #38283E; box-shadow:4px 4px 4px  
4px #38283E }
```

Background

The CSS property to change the background color of an element to Hex 38283E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38283E }
```

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

```
.background{ background-color:#38283E }
```

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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