

Converting Colors

Hex(38283D)

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

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Color

Hex(38283D)

Conversions

Conversions Part 1

Format	Color
Hex	38283D
RGB	56, 40, 61
RGB Percent	22%, 16%, 24%
CMY	0.7804, 0.8431, 0.7608
CMYK	0.08, 0.34, 0.00, 0.76
HSL	286°, 21%, 20%
HSV	286°, 34%, 24%
XYZ	3.2320, 2.6953, 4.7648
YIQ	47.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

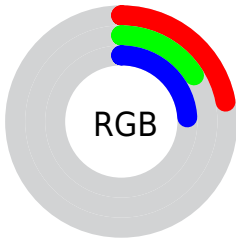
Format	Color
R_{YB}	56, 40, 61
Decimal	3680317
CIE _{Lab}	18.78, 12.07, -10.51
CIE _{LCh}	19, 16.011, 318.954
Yxy	2.6953, 0.3023, 0.2521
Android (android.graphics.Color)	4281870397 (0xFF38283D)
YUV	47.1780, 6.8142, 7.7369
Hunter-Lab	16.4172, 6.4103, -5.7156

Details

The Hex color **38283D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D3D28**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **67556C**, and **080013** is the 20% darker color. If you saturate the color by 10%, you get **37223D**, and if you desaturate by 10%, it is **392E3D**.

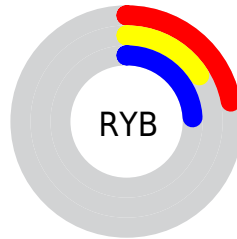
Distribution



 Red (22%)

 Green (16%)

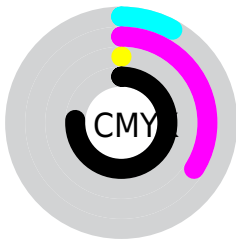
 Blue (24%)




 Red (22%)

 Yellow (16%)

 Blue (24%)

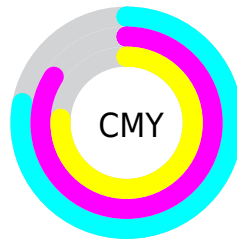


 Cyan (8%)


 Magenta (34%)

 Yellow (0%)

 Black (76%)



 Cyan (78%)

 Magenta (84%)

 Yellow (76%)

Brightness & Saturation Gradients

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

■ 38283D

■ 38283D

FFFFFF

■ 221427

■ 67556C

■ 080013

■ 806E86

■ 000000

■ 9B87A0

■ B5A1BB

■ D1BCD7

■ EDD8F3

■ FFF5FF

■ 38283D

■ 38283D

■ 37223D

■ 392E3D

■ 351C3D

■ 3B343D

■ 34163D

■ 3C3A3D

■ 32103D

■ 3E403D

■ 31093D

■ 3F463D

■ 2F033D

■ 414D3D

■ 2E003D

■ 42533D

■ 44593D

■ 455F3D

Harmonies

Analogous

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



292C44



38283D



412532

Triad

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



38283D



392C17



003435

Complementary

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



38283D



2D3D28

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.



113429



38283D



2E2F17

Square

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



38283D



41281D



21321E



00333F

Rectangle

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



38283D



44252B



21321E



053431

Sweetspot

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



38283D



4D474F



282D3D



282429



A8A8A8



292929

Same Dimension

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



38283D



472F4F



3D2838



1E1C1F



48005E



A900DE

Inverse Universe

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



3D282D



4F2F36



283D2D



1F1C1C



5E0016



DE0035

Previews

White Background



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

Color Contrast Check

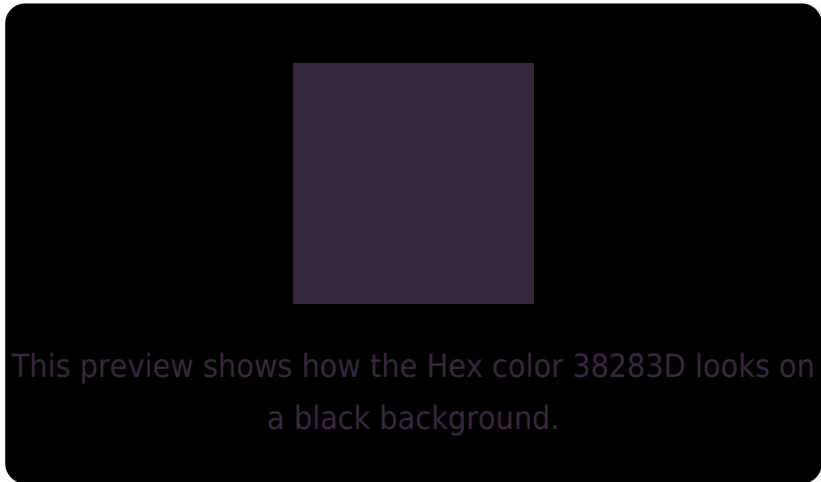
Large Text (above 18pt) WCAG AA ✓ Pass

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

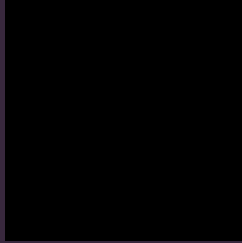
Any Text WCAG AA × Fail

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 38283D Background



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



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

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
38283D

Protanopia
282D41

Deuteranopia
2B2D3C



Tritanopia
362B2E

Trichromacy



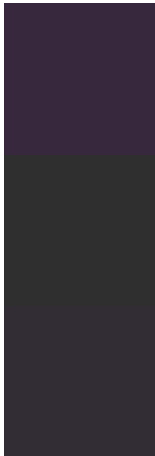
Original Color
38283D

Protanomaly
2E2B40

Deuteranomaly
302B3C

Tritanomaly
372A33

Monochromacy



Original Color
38283D

Achromatopsia
2F2F2F

Achromatomaly
322C34

CSS Examples

Text

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

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

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 #38283D colored shadow looks like.

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

Border

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

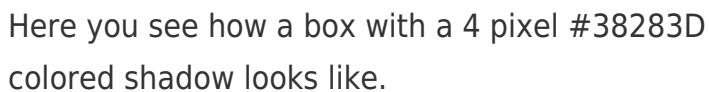
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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