

Converting Colors

Hex(2C3F44)

Have a look what the booklet for
Hex(2C3F44) contains.

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Color

Hex(2C3F44)

Conversions

Conversions Part 1

Format	Color
Hex	2C3F44
RGB	44, 63, 68
RGB Percent	17%, 25%, 27%
CMY	0.8275, 0.7529, 0.7333
CMYK	0.35, 0.07, 0.00, 0.73
HSL	192°, 21%, 22%
HSV	192°, 35%, 27%
XYZ	3.8596, 4.5078, 6.1355
YIQ	57.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

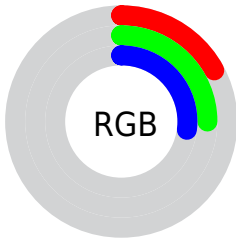
Format	Color
RYB	44, 55, 68
Decimal	2899780
CIELab	25.28, -6.09, -5.50
CIELCh	25, 8.203, 222.074
Yxy	4.5078, 0.2661, 0.3108
Android (android.graphics.Color)	4281089860 (0xFF2C3F44)
YUV	57.8890, 4.9847, -12.1807
Hunter-Lab	21.2317, -4.7068, -2.2714

Details

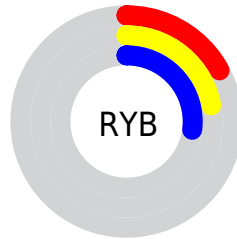
The Hex color **2C3F44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44312C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5B6F74**, and **001519** is the 20% darker color. If you saturate the color by 10%, you get **253E44**, and if you desaturate by 10%, it is **334044**.

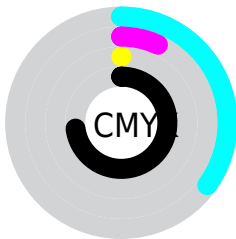
Distribution



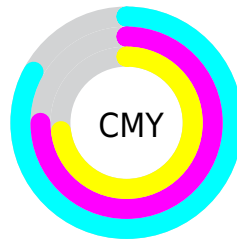
- Red (17%)
- Green (25%)
- Blue (27%)



- Red (17%)
- Yellow (22%)
- Blue (27%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3F44 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 2C3F44 by changing the saturation by 10% instead.



2C3F44



2C3F44

FFFFFF



16292E



5B6F74



001519



73888E



000000



8DA2A8



A8BDC3



C3D9DF



DFF5FC



FCFFFF



2C3F44



2C3F44

■ 253E44

■ 334044

■ 1E3C44

■ 3A4244

■ 183B44

■ 404344

■ 113944

■ 474544

■ 0A3844

■ 4E4644

■ 033744

■ 554744

■ 003644

■ 5C4944

■ 624A44

■ 694C44

Harmonies

Analogous

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



2C403E



2C3F44



313E48

Triad

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



2C3F44



463840



3E3C30

Complementary

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



2C3F44



44312C

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.



443A30



2C3F44



49383A

Square

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



2C3F44



403A45



483934



373E33

Rectangle

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



2C3F44



363C48



483934



403C30

Sweetspot

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



2C3F44



4F5759



2C4431



282D2E



ADADAD



2E2E2E

Same Dimension

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



2C3F44



345159



2C3344



1E2021



004D61



00B2E0

Inverse Universe

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



442C3F



593451



443D2C



211E20



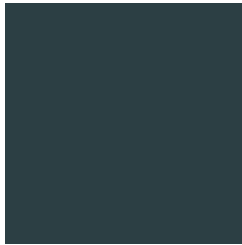
61004D



E000B2

Previews

White Background



This preview shows how the Hex color 2C3F44 looks on a white background.

Color Contrast Check

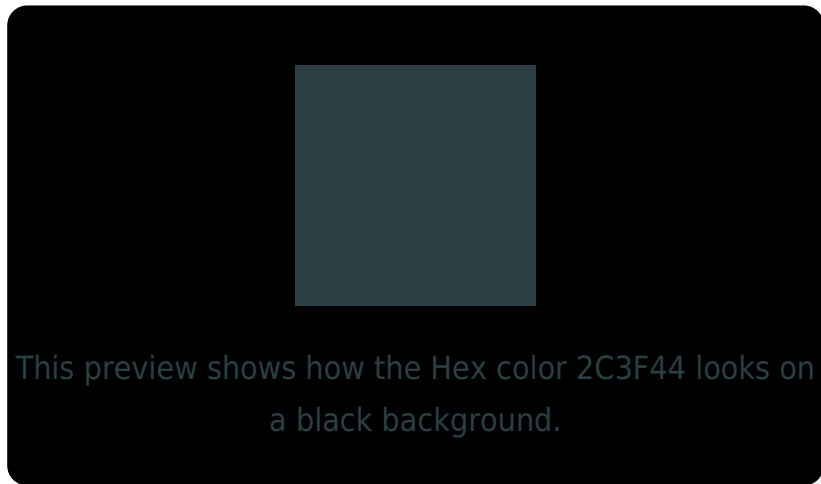
Large Text (above 18pt) WCAG AA ✓ Pass

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

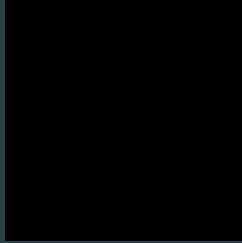
Any Text WCAG AA × Fail

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 2C3F44 Background



This preview shows how black text looks on a background with the Hex color 2C3F44.



This preview shows how white text looks on a background with the Hex color 2C3F44.

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
2C3F44

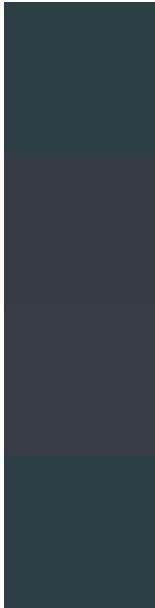
Protanopia
3B3B42

Deuteranopia
3D3A45



Tritanopia
2C3F44

Trichromacy



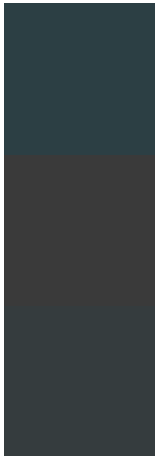
Original Color
2C3F44

Protanomaly
363C43

Deuteranomaly
373C45

Tritanomaly
2C3F44

Monochromacy



Original Color
2C3F44

Achromatopsia
3A3A3A

Achromatomaly
353C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3F44 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 #2C3F44 looks like.

```
.text, #text, p{  
    color:#2C3F44  
}
```

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 #2C3F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3F44
}
```

Border

The CSS property to change the border of an element to Hex 2C3F44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

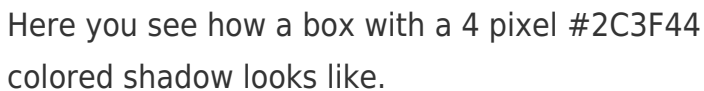
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3F44 }
```

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

```
.border{ border-color:#2C3F44 }
```

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



Here you see how a box with a 4 pixel #2C3F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3F44; -webkit-box-shadow:4px 4px  
4px 4px #2C3F44; box-shadow:4px 4px 4px  
4px #2C3F44 }
```

Background

The CSS property to change the background color of an element to Hex 2C3F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3F44 }
```

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

```
.background{ background-color:#2C3F44 }
```

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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