

Converting Colors

Hex(2C3842)

Have a look what the booklet for
Hex(2C3842) contains.

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Color

Hex(2C3842)

Conversions

Conversions Part 1

Format	Color
Hex	2C3842
RGB	44, 56, 66
RGB Percent	17%, 22%, 26%
CMY	0.8275, 0.7804, 0.7412
CMYK	0.33, 0.15, 0.00, 0.74
HSL	207°, 20%, 22%
HSV	207°, 33%, 26%
XYZ	3.4362, 3.7572, 5.6984
YIQ	53.5520, -10.3620, 0.5660

Conversions

Conversions Part 2

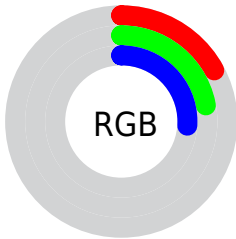
Format	Color
RYB	44, 52, 66
Decimal	2897986
CIELab	22.85, -2.13, -7.82
CIElCh	23, 8.110, 254.739
Yxy	3.7572, 0.2665, 0.2914
Android (android.graphics.Color)	4281088066 (0xFF2C3842)
YUV	53.5520, 6.1369, -8.3771
Hunter-Lab	19.3834, -2.2769, -3.8617

Details

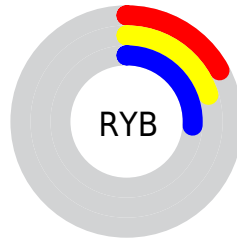
The Hex color **2C3842** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42362C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5A6772**, and **000D18** is the 20% darker color. If you saturate the color by 10%, you get **253542**, and if you desaturate by 10%, it is **333B42**.

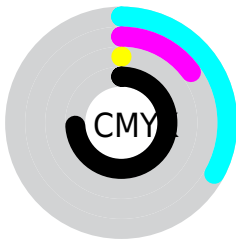
Distribution



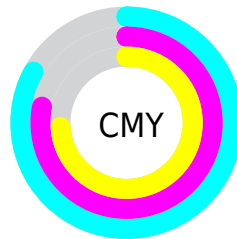
- Red (17%)
- Green (22%)
- Blue (26%)



- Red (17%)
- Yellow (20%)
- Blue (26%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (74%)



- Cyan (83%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3842 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 2C3842 by changing the saturation by 10% instead.



2C3842



2C3842

FFFFFF



17232C



5A6772



000D18



73808B



000000



8D9AA6



A7B5C1



C2D0DD



DEECF9



FBFFFF



2C3842



2C3842

■ 253542

■ 333B42

■ 1F3242

■ 393E42

■ 182F42

■ 404142

■ 122C42

■ 464442

■ 0B2942

■ 4D4742

■ 042642

■ 544A42

■ 002442

■ 5A4D42

■ 615042

■ 675342

Harmonies

Analogous

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



27393F



2C3842



343642

Triad

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



2C3842



433234



31392E

Complementary

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



2C3842



42362C

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.



38372B



2C3842



42332E

Square

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



2C3842



41333A



3E352B



2B3A33

Rectangle

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



2C3842



393540



3E352B



34382D

Sweetspot

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



2C3842



4E5357



2C4236



26292B



ABABAB



2B2B2B

Same Dimension

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



2C3842



344757



2C2D42



1E2021



003561



007AE0

Inverse Universe

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



422C38



573447



42412C



211E20



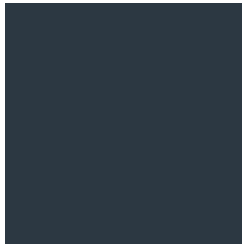
610035



E0007A

Previews

White Background



This preview shows how the Hex color 2C3842 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

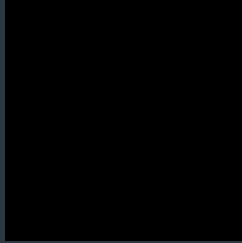
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

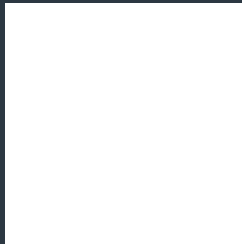
Any Text WCAG AAA × Fail

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

Hex 2C3842 Background



This preview shows how black text looks on a background with the Hex color 2C3842.

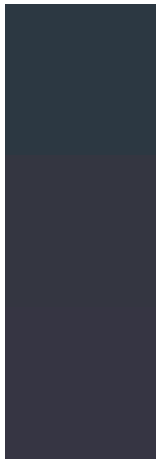


This preview shows how white text looks on a background with the Hex color 2C3842.

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](#).

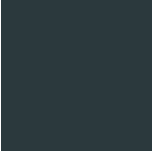
Dichromacy



Original Color
2C3842

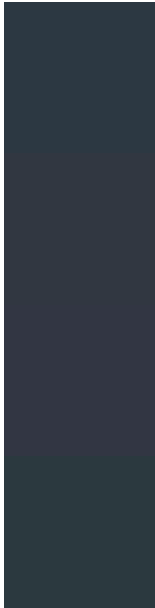
Protanopia
343641

Deuteranopia
363543



Tritanopia
2B393D

Trichromacy



Original Color
2C3842

Protanomaly
313741

Deuteranomaly
323643

Tritanomaly
2B393F

Monochromacy



Original Color
2C3842

Achromatopsia
363636

Achromatomaly
32373A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3842 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 #2C3842 looks like.

```
.text, #text, p{  
    color:#2C3842  
}
```

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 #2C3842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3842
}
```

Border

The CSS property to change the border of an element to Hex 2C3842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

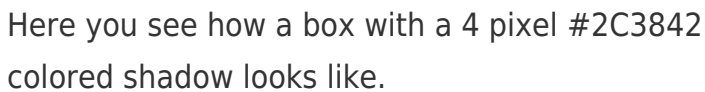
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3842 }
```

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

```
.border{ border-color:#2C3842 }
```

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



Here you see how a box with a 4 pixel #2C3842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3842; -webkit-box-shadow:4px 4px  
4px 4px #2C3842; box-shadow:4px 4px 4px  
4px #2C3842 }
```

Background

The CSS property to change the background color of an element to Hex 2C3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3842 }
```

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

```
.background{ background-color:#2C3842 }
```

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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