

Converting Colors

Hex(2C3748)

Have a look what the booklet for
Hex(2C3748) contains.

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Color

Hex(2C3748)

Conversions

Conversions Part 1

Format	Color
Hex	2C3748
RGB	44, 55, 72
RGB Percent	17%, 22%, 28%
CMY	0.8275, 0.7843, 0.7176
CMYK	0.39, 0.24, 0.00, 0.72
HSL	216°, 24%, 23%
HSV	216°, 39%, 28%
XYZ	3.5746, 3.7357, 6.6636
YIQ	53.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

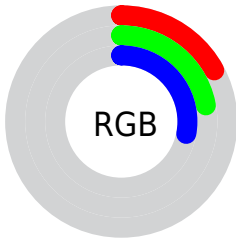
Format	Color
R_{YB}	44, 52, 72
Decimal	2897736
CIE Lab	22.78, 0.37, -11.96
CIE LCh	23, 11.963, 271.792
Yxy	3.7357, 0.2558, 0.2673
Android (android.graphics.Color)	4281087816 (0xFF2C3748)
YUV	53.6490, 9.0470, -8.4622
Hunter-Lab	19.3280, -0.8117, -6.9113




Details

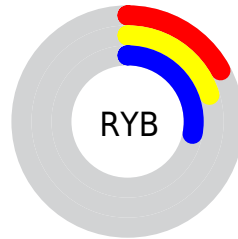
The Hex color **2C3748** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **483D2C**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **5B6679**, and **000B1D** is the 20% darker color. If you saturate the color by 10%, you get **253348**, and if you desaturate by 10%, it is **333B48**.

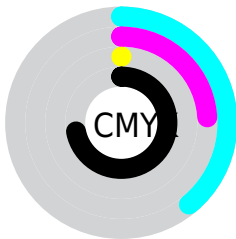
Distribution







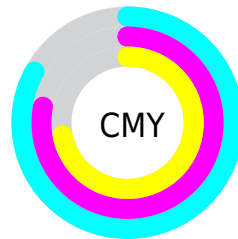
-  Red (17%)
-  Green (22%)
-  Blue (28%)






-  Red (17%)
-  Yellow (20%)
-  Blue (28%)



-  Cyan (39%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (83%)
-  Magenta (78%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3748 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 2C3748 by changing the saturation by 10% instead.

■ 2C3748

■ 2C3748

FFFFFF

■ 162231

■ 5B6679

■ 000B1D

■ 747F92

■ 000000

■ 8D99AD

■ A8B3C8

■ C3CFE4

■ DFEBFF

■ FCFE44

■ 2C3748

■ 2C3748

■ 253348

■ 333B48

■ 1E2E48

■ 3A4048

■ 162A48

■ 424448

■ 0F2648

■ 494848

■ 082148

■ 504D48

■ 011D48

■ 575148

■ 001C48

■ 5E5648

■ 665A48

■ 6D5E48

Harmonies

Analogous

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



213A46



2C3748



383445

Triad

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



2C3748



48312D



283B2E

Complementary

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



2C3748



483D2C

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.



333927



2C3748



443327

Square

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



2C3748



483036



3C3625



1F3B37

Rectangle

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



2C3748



3F3241



3C3625



2C3A2B

Sweetspot

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



2C3748



53575E



2C483D



2A2C30



B0B0B0



303030

Same Dimension

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



2C3748



32435E



2F2C48



202224



002763



0059E3

Inverse Universe

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



482C37



5E3243



45482C



242022



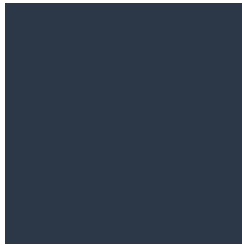
630027



E30059

Previews

White Background



This preview shows how the Hex color 2C3748 looks on a white background.

Color Contrast Check

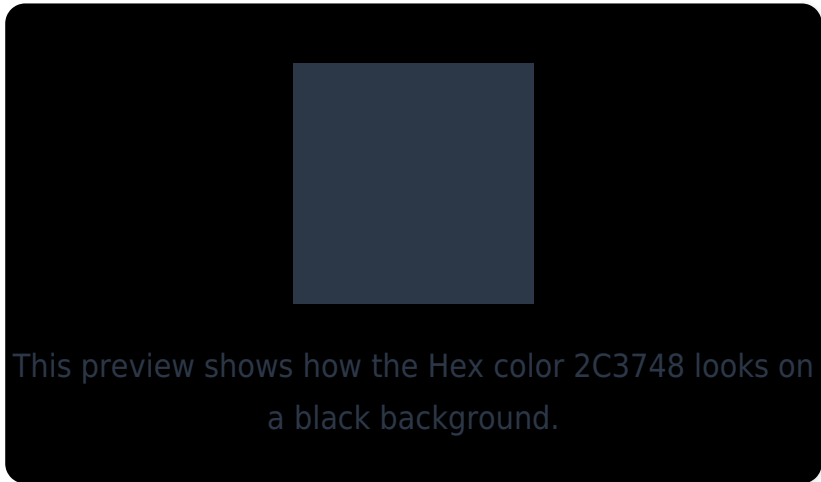
Large Text (above 18pt) WCAG AA ✓ Pass

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

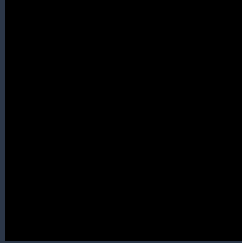
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

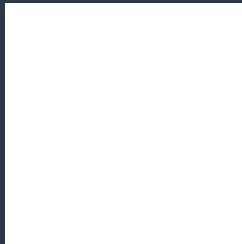
Any Text WCAG AAA × Fail

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

Hex 2C3748 Background



This preview shows how black text looks on a background with the Hex color 2C3748.



This preview shows how white text looks on a background with the Hex color 2C3748.

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

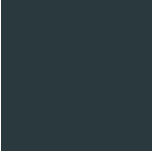
2C3748

Protanopia

323647

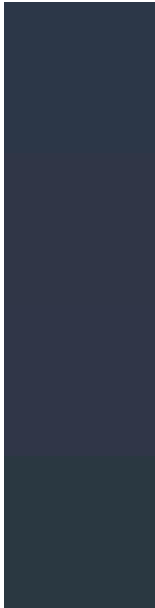
Deuteranopia

323548



Tritanopia
29393D

Trichromacy



Original Color
2C3748

Protanomaly
303647

Deuteranomaly
303648

Tritanomaly
2A3841

Monochromacy



Original Color
2C3748

Achromatopsia
363636

Achromatomaly
32363D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3748 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 #2C3748 looks like.

```
.text, #text, p{  
    color:#2C3748  
}
```

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 #2C3748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3748
}
```

Border

The CSS property to change the border of an element to Hex 2C3748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

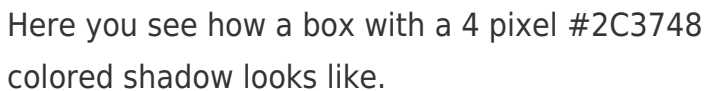
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3748 }
```

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

```
.border{ border-color:#2C3748 }
```

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



Here you see how a box with a 4 pixel #2C3748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3748; -webkit-box-shadow:4px 4px  
4px 4px #2C3748; box-shadow:4px 4px 4px  
4px #2C3748 }
```

Background

The CSS property to change the background color of an element to Hex 2C3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3748 }
```

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

```
.background{ background-color:#2C3748 }
```

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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