

Converting Colors

Hex(253844)

Have a look what the booklet for
Hex(253844) contains.

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Color

Hex(253844)

Conversions

Conversions Part 1

Format	Color
Hex	253844
RGB	37, 56, 68
RGB Percent	15%, 22%, 27%
CMY	0.8549, 0.7804, 0.7333
CMYK	0.46, 0.18, 0.00, 0.73
HSL	203°, 30%, 21%
HSV	203°, 46%, 27%
XYZ	3.2205, 3.6390, 6.0015
YIQ	51.6870, -15.1760, -0.2960

Conversions

Conversions Part 2

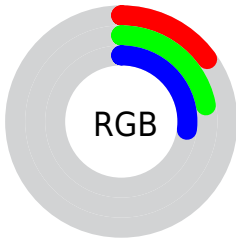
Format	Color
RYB	37, 49, 68
Decimal	2439236
CIELab	22.44, -3.90, -9.84
CIELCh	22, 10.581, 248.397
Yxy	3.6390, 0.2504, 0.2829
Android (android.graphics.Color)	4280629316 (0xFF253844)
YUV	51.6870, 8.0423, -12.8805
Hunter-Lab	19.0762, -3.2484, -5.2997

Details

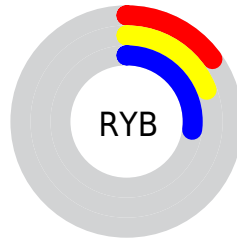
The Hex color **253844** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **443125**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **536774**, and **000D19** is the 20% darker color. If you saturate the color by 10%, you get **1E3544**, and if you desaturate by 10%, it is **2C3B44**.

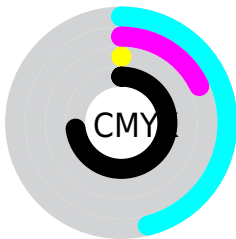
Distribution



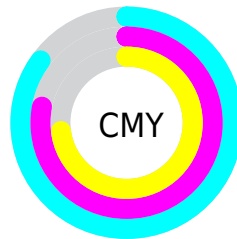
- Red (15%)
- Green (22%)
- Blue (27%)



- Red (15%)
- Yellow (19%)
- Blue (27%)



- Cyan (46%)
- Magenta (18%)
- Yellow (0%)
- Black (73%)



- Cyan (85%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253844 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 253844 by changing the saturation by 10% instead.

■ 253844

■ 253844

FFFFFF

■ 0F232E

■ 536774

■ 000D19

■ 6C808E

■ 000000

■ 869AA8

■ A0B5C3

■ BBD0DF

■ D7ECFC

■ F4FFFF

■ 253844

■ 253844

■ 1E3544

■ 2C3B44

■ 173344

■ 333D44

■ 113044

■ 394044

■ 0A2D44

■ 404344

■ 032B44

■ 474544

■ 002A44

■ 4E4844

■ 554A44

■ 5B4D44

■ 625044

Harmonies

Analogous

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



1F3A3F



253844



2F3645

Triad

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



253844



453034



303829

Complementary

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



253844



443125

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.



393626



253844



45312C

Square

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



253844



42313C



403327



283A30

Rectangle

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



253844



363443



403327



333728

Sweetspot

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



253844



4D5459



254431



262B2E



ADADAD



2E2E2E

Same Dimension

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



253844



284659



252944



1E2021



003B61



008AE0

Inverse Universe

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



442538



592846



444025



211E20



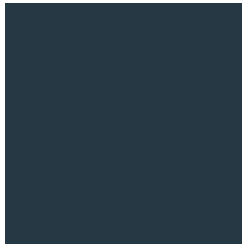
61003B



E0008A

Previews

White Background



This preview shows how the Hex color 253844 looks on a white background.

Color Contrast Check

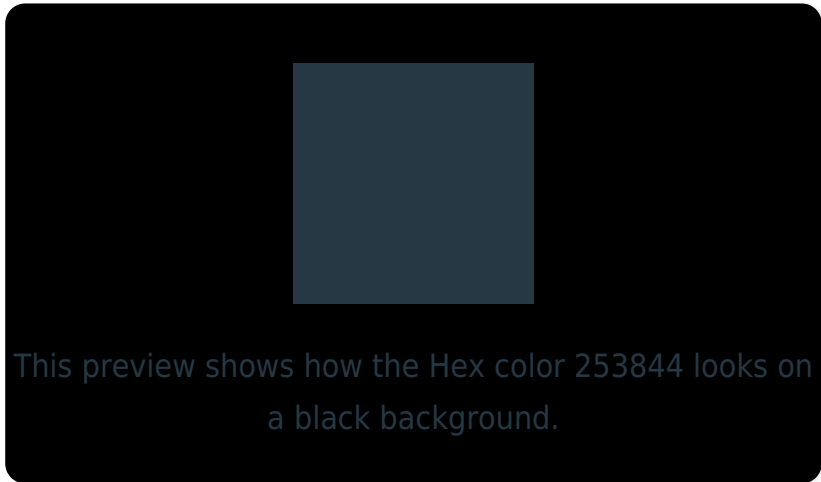
Large Text (above 18pt) WCAG AA ✓ Pass

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

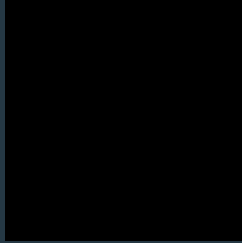
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

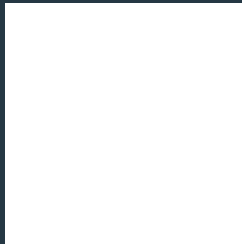
Any Text WCAG AAA × Fail

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

Hex 253844 Background



This preview shows how black text looks on a background with the Hex color 253844.



This preview shows how white text looks on a background with the Hex color 253844.

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](#).

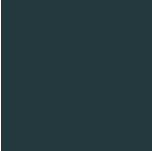
Dichromacy



Original Color
253844

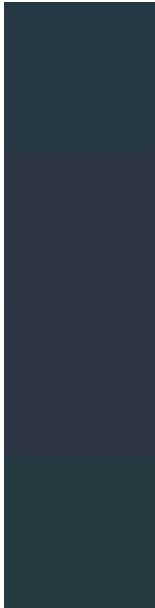
Protanopia
333542

Deuteranopia
333545



Tritanopia
23393E

Trichromacy



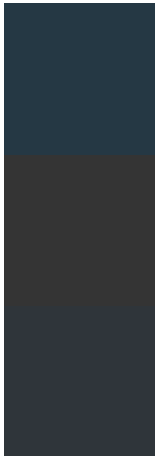
Original Color
253844

Protanomaly
2E3643

Deuteranomaly
2E3645

Tritanomaly
243940

Monochromacy



Original Color
253844

Achromatopsia
343434

Achromatomaly
2F353A

CSS Examples

Text

The CSS property to change the color of the text to Hex 253844 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 #253844 looks like.

```
.text, #text, p{  
    color:#253844  
}
```

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 #253844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253844
}
```

Border

The CSS property to change the border of an element to Hex 253844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

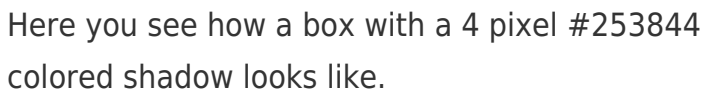
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253844 }
```

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

```
.border{ border-color:#253844 }
```

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



Here you see how a box with a 4 pixel #253844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253844; -webkit-box-shadow:4px 4px  
4px 4px #253844; box-shadow:4px 4px 4px  
4px #253844 }
```

Background

The CSS property to change the background color of an element to Hex 253844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253844 }
```

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

```
.background{ background-color:#253844 }
```

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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