

Converting Colors

Hex(254853)

Have a look what the booklet for
Hex(254853) contains.

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Color

Hex(254853)

Conversions

Conversions Part 1

Format	Color
Hex	254853
RGB	37, 72, 83
RGB Percent	15%, 28%, 33%
CMY	0.8549, 0.7176, 0.6745
CMYK	0.55, 0.13, 0.00, 0.67
HSL	194°, 38%, 24%
HSV	194°, 55%, 33%
XYZ	4.6416, 5.6526, 9.0300
YIQ	62.7890, -24.3910, -3.9990

Conversions

Conversions Part 2

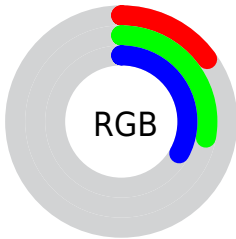
Format	Color
RYB	37, 57, 83
Decimal	2443347
CIELab	28.52, -9.13, -10.46
CIELCh	29, 13.886, 228.890
Yxy	5.6526, 0.2402, 0.2925
Android (android.graphics.Color)	4280633427 (0xFF254853)
YUV	62.7890, 9.9640, -22.6170
Hunter-Lab	23.7752, -6.7578, -5.8763

Details

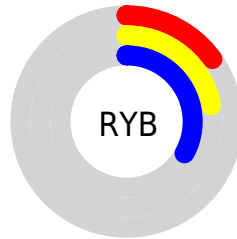
The Hex color **254853** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **533025**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **567984**, and **001D26** is the 20% darker color. If you saturate the color by 10%, you get **1D4653**, and if you desaturate by 10%, it is **2D4A53**.

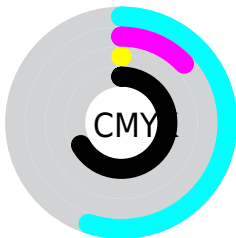
Distribution



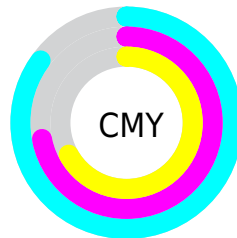
- Red (15%)
- Green (28%)
- Blue (33%)



- Red (15%)
- Yellow (22%)
- Blue (33%)



- Cyan (55%)
- Magenta (13%)
- Yellow (0%)
- Black (67%)



- Cyan (85%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254853 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 254853 by changing the saturation by 10% instead.

■ 254853

■ 254853

FFFFFF

■ 0B313C

■ 567984

■ 001D26

■ 6F929F

■ 000112

■ 89ADBA

■ 000000

■ A4C8D5

■ BFE4F2

■ DCFFFF

■ F8FFFF

■ 254853

■ 254853

■ 1D4653

■ 2D4A53

■ 144453

■ 364C53

■ 0C4253

■ 3E4E53

■ 044053

■ 465053

■ 003F53

■ 4E5253

■ 575453

■ 5F5653

■ 675853

■ 705A53

Harmonies

Analogous

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



24494A



254853



304558

Triad

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



254853



563C48



44452F

Complementary

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



254853



533025

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.



4F412E



254853



593C3D

Square

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



254853



4D3E51



563E34



384735

Rectangle

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



254853



3A4358



563E34



48442E

Sweetspot

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



254853



59676B



255330



2B3336



B5B5B5



363636

Same Dimension

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



254853



235A6B



253153



252829



005069



00B1E8

Inverse Universe

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



532548



6B235A



534725



292528



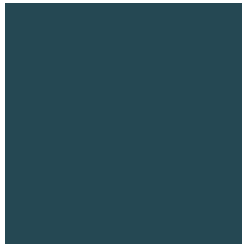
690050



E800B1

Previews

White Background



This preview shows how the Hex color 254853 looks on a white background.

Color Contrast Check

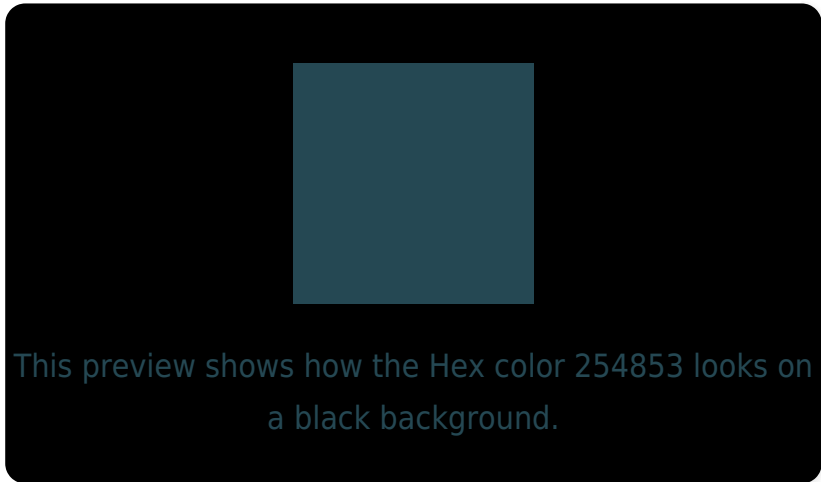
Large Text (above 18pt) WCAG AA ✓ Pass

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

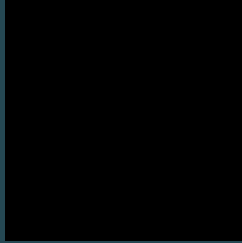
Any Text WCAG AA × Fail

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 254853 Background



This preview shows how black text looks on a background with the Hex color 254853.



This preview shows how white text looks on a background with the Hex color 254853.

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](#).

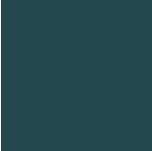
Dichromacy



Original Color
254853

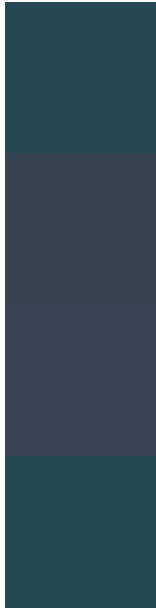
Protanopia
41424F

Deuteranopia
414254



Tritanopia
23494F

Trichromacy



Original Color
254853

Protanomaly
374450

Deuteranomaly
374454

Tritanomaly
244950

Monochromacy



Original Color
254853

Achromatopsia
3F3F3F

Achromatomaly
364246

CSS Examples

Text

The CSS property to change the color of the text to Hex 254853 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 #254853 looks like.

```
.text, #text, p{  
    color:#254853  
}
```

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 #254853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254853
}
```

Border

The CSS property to change the border of an element to Hex 254853 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".

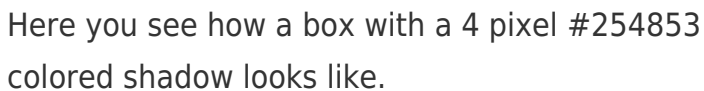
```
.border, #border, table{ border:4px solid
#254853 }
```

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

```
.border{ border-color:#254853 }
```

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

Here you see how a box with a 4 pixel #254853 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254853; -webkit-box-shadow:4px 4px  
4px 4px #254853; box-shadow:4px 4px 4px  
4px #254853 }
```

Background

The CSS property to change the background color of an element to Hex 254853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254853 }
```

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

```
.background{ background-color:#254853 }
```

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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