

Converting Colors

Hex(253831)

Have a look what the booklet for
Hex(253831) contains.

Hex(253831)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(253831)

Conversions

Conversions Part 1

Format	Color
Hex	253831
RGB	37, 56, 49
RGB Percent	15%, 22%, 19%
CMY	0.8549, 0.7804, 0.8078
CMYK	0.34, 0.00, 0.13, 0.78
HSL	158°, 20%, 18%
HSV	158°, 34%, 22%
XYZ	2.7315, 3.4434, 3.4264
YIQ	49.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

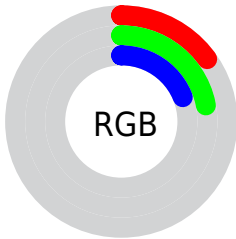
Format	Color
R_{YB}	37, 49, 56
Decimal	2439217
CIE Lab	21.74, -9.51, 1.92
CIE LCh	22, 9.707, 168.567
Yxy	3.4434, 0.2845, 0.3586
Android (android.graphics.Color)	4280629297 (0xFF253831)
YUV	49.5210, -0.2569, -10.9809
Hunter-Lab	18.5564, -6.1986, 2.0417

Details

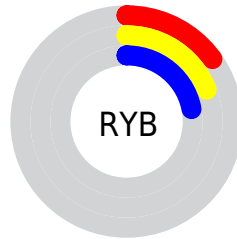
The Hex color **253831** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38252C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **52675F**, and **000C01** is the 20% darker color. If you saturate the color by 10%, you get **1F382F**, and if you desaturate by 10%, it is **2B3833**.

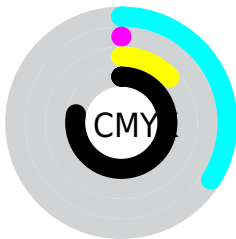
Distribution



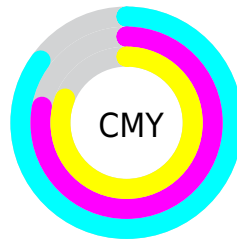
- Red (15%)
- Green (22%)
- Blue (19%)



- Red (15%)
- Yellow (19%)
- Blue (22%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (78%)



- Cyan (85%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253831 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 253831 by changing the saturation by 10% instead.

■ 253831

■ 253831

FFFFFF

■ 10221C

■ 52675F

■ 000C01

■ 6B8078

■ 000000

■ 849A91

■ 9EB5AC

■ B9D0C7

■ D5EDE3

■ F2FFFF

■ 253831

■ 253831

■ 1F382F

■ 2B3833

■ 1A382D

■ 303835

■ 14382B

■ 363837

■ 0F3829

■ 3B3839

■ 093827

■ 41383B

■ 033825

■ 47383D

■ 003823

■ 4C383F

■ 523842

■ 573844

Harmonies

Analogous

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



2D372A



253831



203838

Triad

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



253831



323342



41302A

Complementary

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



253831



38252C

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.



432F30



253831



3B313E

Square

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



253831



283642



412F37



3C3326

Rectangle

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



253831



20383D



412F37



42302B

Sweetspot

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



253831



434A47



2C3825



222625



A6A6A6



262626

Same Dimension

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



253831



2C4A3F



253638



191C1B



005C3A



00DB8B

Inverse Universe

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



38252C



4A2C37



382725



1C191A



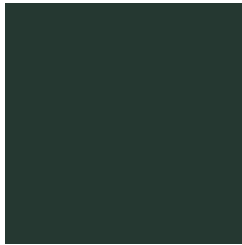
5C0022



DB0051

Previews

White Background



This preview shows how the Hex color 253831 looks on a white background.

Color Contrast Check

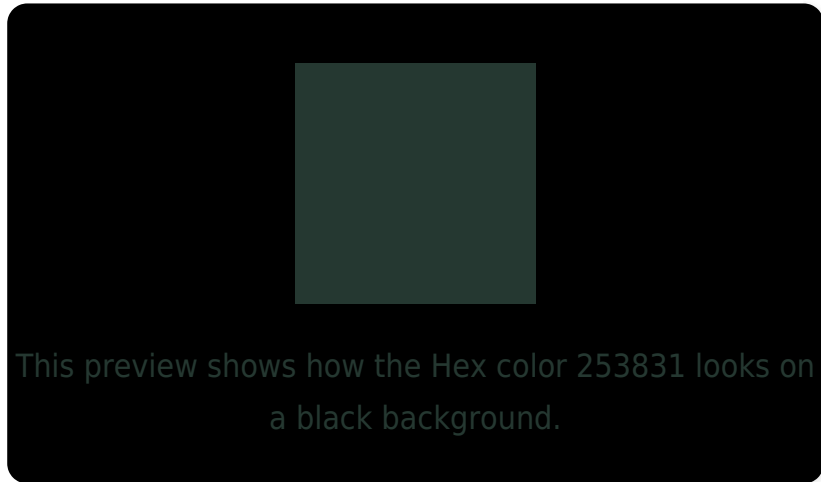
Large Text (above 18pt) WCAG AA ✓ Pass

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

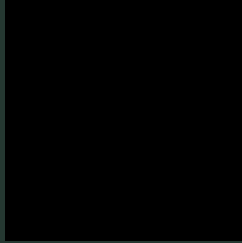
Any Text WCAG AA × Fail

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 253831 Background



This preview shows how black text looks on a background with the Hex color 253831.



This preview shows how white text looks on a background with the Hex color 253831.

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
253831

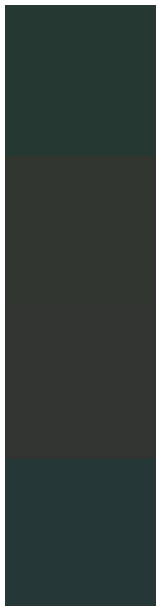
Protanopia
36342F

Deuteranopia
3A3232



Tritanopia
27373B

Trichromacy



Original Color

253831

Protanomaly

303530

Deuteranomaly

323432

Tritanomaly

263737

Monochromacy



Original Color

253831

Achromatopsia

323232

Achromatomaly

2D3432

CSS Examples

Text

The CSS property to change the color of the text to Hex 253831 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 #253831 looks like.

```
.text, #text, p{  
    color:#253831  
}
```

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 #253831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253831
}
```

Border

The CSS property to change the border of an element to Hex 253831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

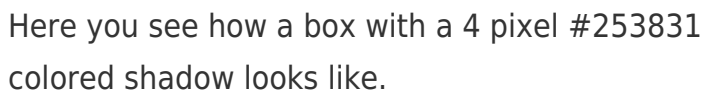
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253831 }
```

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

```
.border{ border-color:#253831 }
```

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



Here you see how a box with a 4 pixel #253831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253831; -webkit-box-shadow:4px 4px  
4px 4px #253831; box-shadow:4px 4px 4px  
4px #253831 }
```

Background

The CSS property to change the background color of an element to Hex 253831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253831 }
```

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

```
.background{ background-color:#253831 }
```

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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