

Converting Colors

Hex(243838)

Have a look what the booklet for
Hex(243838) contains.

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Color

Hex(243838)

Conversions

Conversions Part 1

Format	Color
Hex	243838
RGB	36, 56, 56
RGB Percent	14%, 22%, 22%
CMY	0.8588, 0.7804, 0.7804
CMYK	0.36, 0.00, 0.00, 0.78
HSL	180°, 22%, 18%
HSV	180°, 36%, 22%
XYZ	2.8555, 3.4889, 4.2643
YIQ	50.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

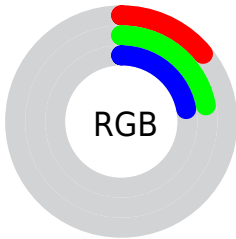
Format	Color
RYB	36, 46, 56
Decimal	2373688
CIELab	21.90, -7.94, -2.57
CIELCh	22, 8.349, 197.906
Yxy	3.4889, 0.2692, 0.3289
Android (android.graphics.Color)	4280563768 (0xFF243838)
YUV	50.0200, 2.9481, -12.2955
Hunter-Lab	18.6787, -5.3992, -0.4607




Details

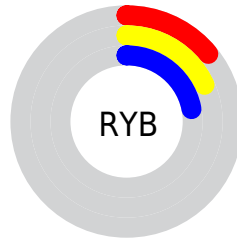
The Hex color **243838** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382424**, and the grayscale version is **323232**.




A 20% lighter version of the original color is **526767**, and **000D0D** is the 20% darker color. If you saturate the color by 10%, you get **1E3838**, and if you desaturate by 10%, it is **2A3838**.

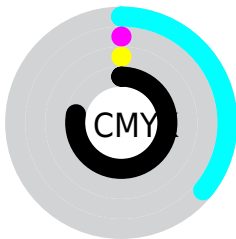
Distribution







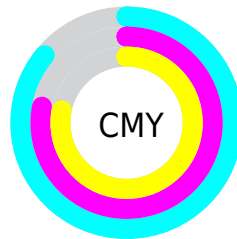
-  Red (14%)
-  Green (22%)
-  Blue (22%)






-  Red (14%)
-  Yellow (18%)
-  Blue (22%)



-  Cyan (36%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (78%)



-  Cyan (86%)
-  Magenta (78%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243838 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 243838 by changing the saturation by 10% instead.



243838



243838

FFFFFF



0F2323



526767



000D0D



6A8080



000000



839A9A



9EB5B5



B9D0D0



D4EDEC



F1FFFF



243838



243838

■ 1E3838

■ 2A3838

■ 193838

■ 2F3838

■ 133838

■ 353838

■ 0E3838

■ 3A3838

■ 083838

■ 403838

■ 023838

■ 463838

■ 003838

■ 4B3838

■ 513838

■ 563838

Harmonies

Analogous

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



283832



243838



25373D

Triad

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



243838



3A323D



3C3329

Complementary

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



243838



382424

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.



40312C



243838



3F3037

Square

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



243838



323440



413031



353529

Rectangle

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



243838



283640



413031



3D3329

Sweetspot

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



243838



424A4A



243824



212626



A6A6A6



262626

Same Dimension

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



243838



2A4A4A



242E38



191C1C



005C5C



00DBDB

Inverse Universe

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



382438



4A2A4A



382E24



1C191C



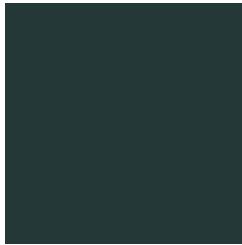
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 243838 looks on a white background.

Color Contrast Check

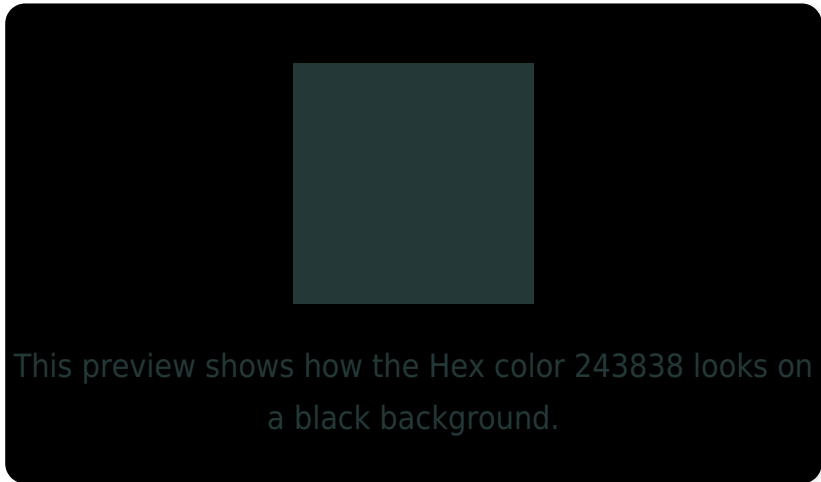
Large Text (above 18pt) WCAG AA ✓ Pass

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

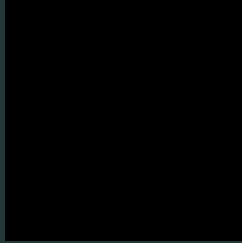
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

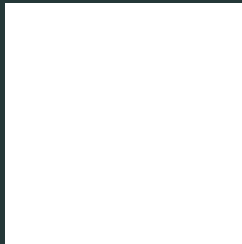
Any Text WCAG AAA × Fail

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

Hex 243838 Background



This preview shows how black text looks on a background with the Hex color 243838.



This preview shows how white text looks on a background with the Hex color 243838.

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
243838

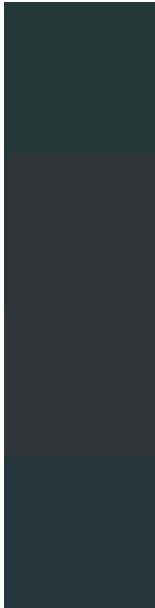
Protanopia
353436

Deuteranopia
373339



Tritanopia
25373C

Trichromacy



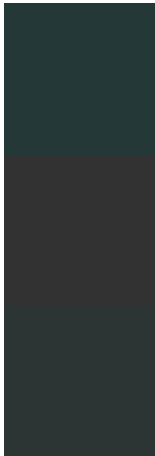
Original Color
243838

Protanomaly
2F3537

Deuteranomaly
303539

Tritanomaly
25373B

Monochromacy



Original Color
243838

Achromatopsia
323232

Achromatomaly
2D3434

CSS Examples

Text

The CSS property to change the color of the text to Hex 243838 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 #243838 looks like.

```
.text, #text, p{  
    color:#243838  
}
```

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 #243838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243838
}
```

Border

The CSS property to change the border of an element to Hex 243838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

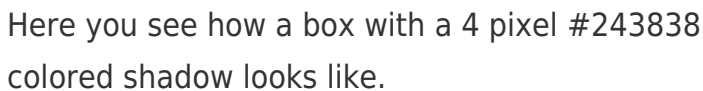
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243838 }
```

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

```
.border{ border-color:#243838 }
```

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



Here you see how a box with a 4 pixel #243838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243838; -webkit-box-shadow:4px 4px  
4px 4px #243838; box-shadow:4px 4px 4px  
4px #243838 }
```

Background

The CSS property to change the background color of an element to Hex 243838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243838 }
```

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

```
.background{ background-color:#243838 }
```

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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