

Converting Colors

Hex(24313C)

Have a look what the booklet for
Hex(24313C) contains.

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Color

Hex(24313C)

Conversions

Conversions Part 1

Format	Color
Hex	24313C
RGB	36, 49, 60
RGB Percent	14%, 19%, 24%
CMY	0.8588, 0.8078, 0.7647
CMYK	0.40, 0.18, 0.00, 0.76
HSL	207°, 25%, 19%
HSV	207°, 40%, 24%
XYZ	2.6415, 2.8979, 4.6951
YIQ	46.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

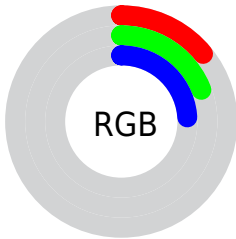
Format	Color
RYB	36, 44, 60
Decimal	2371900
CIELab	19.63, -2.13, -8.70
CIELCh	20, 8.958, 256.257
Yxy	2.8979, 0.2581, 0.2832
Android (android.graphics.Color)	4280561980 (0xFF24313C)
YUV	46.3670, 6.7211, -9.0919
Hunter-Lab	17.0233, -2.0933, -4.4361

Details

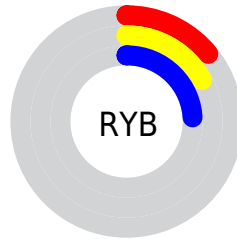
The Hex color **24313C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C2F24**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **525F6B**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **1E2E3C**, and if you desaturate by 10%, it is **2A343C**.

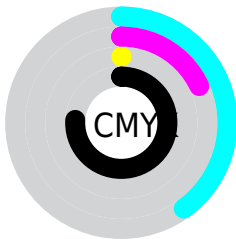
Distribution



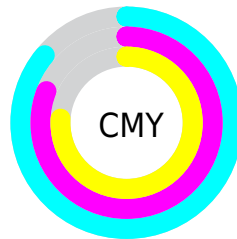
- Red (14%)
- Green (19%)
- Blue (24%)



- Red (14%)
- Yellow (17%)
- Blue (24%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (76%)



- Cyan (86%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24313C 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 24313C by changing the saturation by 10% instead.

■ 24313C

■ 24313C

FFFFFF

■ 0F1C26

■ 525F6B

■ 000112

■ 6A7885

■ 000000

■ 83919F

■ 9EACBA

■ B9C7D5

■ D4E3F2

■ F1FFFF

■ 24313C

■ 24313C

■ 1E2E3C

■ 2A343C

■ 182C3C

■ 30373C

■ 12293C

■ 36393C

■ 0C263C

■ 3C3C3C

■ 06233C

■ 423F3C

■ 00213C

■ 48413C

■ 4E443C

■ 54473C

■ 5A4A3C

Harmonies

Analogous

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



1E3339



24313C



2D2F3C

Triad

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



24313C



3D2B2C



293226

Complementary

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



24313C



3C2F24

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.



313023



24313C



3C2C26

Square

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



24313C



3B2B33



372E23



22332C

Rectangle

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



24313C



322D3A



372E23



2C3125

Sweetspot

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



24313C



464B4F



243C2F



232629



A8A8A8



292929

Same Dimension

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



24313C



293E4F



24253C



1C1D1F



00335E



0078DE

Inverse Universe

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



3C2431



4F293E



3C3B24



1F1C1D



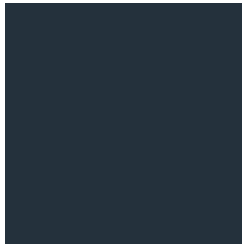
5E0033



DE0078

Previews

White Background



This preview shows how the Hex color 24313C looks on a white background.

Color Contrast Check

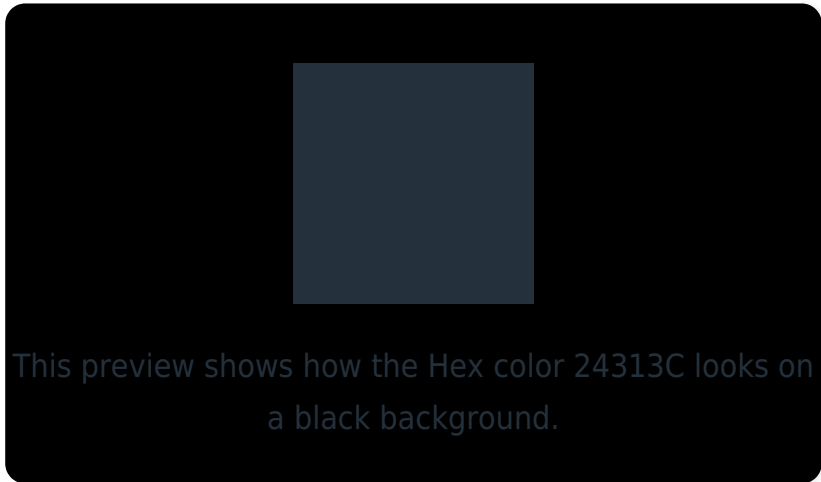
Large Text (above 18pt) WCAG AA ✓ Pass

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

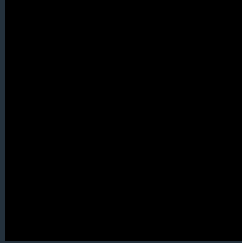
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

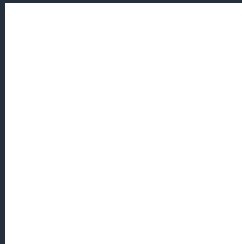
Any Text WCAG AAA × Fail

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

Hex 24313C Background



This preview shows how black text looks on a background with the Hex color 24313C.



This preview shows how white text looks on a background with the Hex color 24313C.

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](#).

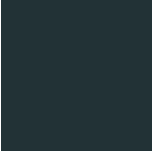
Dichromacy



Original Color
24313C

Protanopia
2D2F3B

Deuteranopia
2D2F3D



Tritanopia
223236

Trichromacy



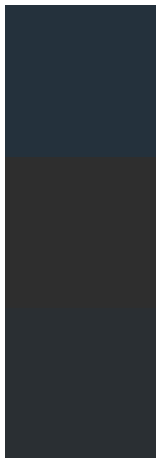
Original Color
24313C

Protanomaly
2A303B

Deuteranomaly
2A303D

Tritanomaly
233238

Monochromacy



Original Color
24313C

Achromatopsia
2E2E2E

Achromatomaly
2A2F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 24313C 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 #24313C looks like.

```
.text, #text, p{  
    color:#24313C  
}
```

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 #24313C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24313C
}
```

Border

The CSS property to change the border of an element to Hex 24313C is called "border". The border property can be set on classes, ids or directly on the HTML element.

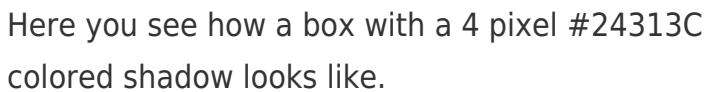
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24313C }
```

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

```
.border{ border-color:#24313C }
```

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



Here you see how a box with a 4 pixel #24313C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24313C; -webkit-box-shadow:4px 4px  
4px 4px #24313C; box-shadow:4px 4px 4px  
4px #24313C }
```

Background

The CSS property to change the background color of an element to Hex 24313C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24313C }
```

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

```
.background{ background-color:#24313C }
```

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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