

Converting Colors

Hex(233A43)

Have a look what the booklet for
Hex(233A43) contains.

Hex(233A43)	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(233A43)

Conversions

Conversions Part 1

Format	Color
Hex	233A43
RGB	35, 58, 67
RGB Percent	14%, 23%, 26%
CMY	0.8627, 0.7725, 0.7373
CMYK	0.48, 0.13, 0.00, 0.74
HSL	197°, 31%, 20%
HSV	197°, 48%, 26%
XYZ	3.2193, 3.7887, 5.8718
YIQ	52.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

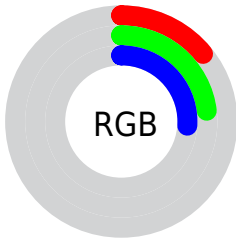
Format	Color
RYB	35, 48, 67
Decimal	2308675
CIELab	22.96, -6.16, -8.39
CIELCh	23, 10.406, 233.724
Yxy	3.7887, 0.2500, 0.2942
Android (android.graphics.Color)	4280498755 (0xFF233A43)
YUV	52.1490, 7.3215, -15.0397
Hunter-Lab	19.4645, -4.5402, -4.2606

Details

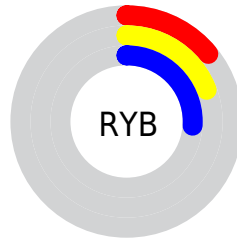
The Hex color **233A43** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **432C23**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **526973**, and **001018** is the 20% darker color. If you saturate the color by 10%, you get **1C3843**, and if you desaturate by 10%, it is **2A3C43**.

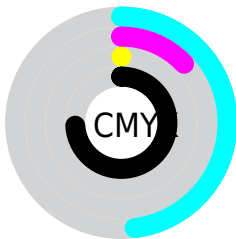
Distribution



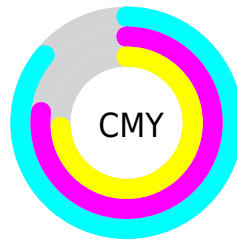
- Red (14%)
- Green (23%)
- Blue (26%)



- Red (14%)
- Yellow (19%)
- Blue (26%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (77%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233A43 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 233A43 by changing the saturation by 10% instead.

■ 233A43

■ 233A43

FFFFFF

■ 0C242D

■ 526973

■ 001018

■ 6A828C

■ 000000

■ 849CA7

■ 9EB7C2

■ B9D3DE

■ D5EFFB

■ F2FFFF

■ 233A43

■ 233A43

■ 1C3843

■ 2A3C43

■ 163643

■ 303E43

■ 0F3443

■ 374043

■ 083243

■ 3E4243

■ 023143

■ 454343

■ 003043

■ 4B4543

■ 524743

■ 594943

■ 5F4B43

Harmonies

Analogous

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



213B3D



233A43



2B3846

Triad

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



233A43



453139



363828

Complementary

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



233A43



432C23

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.



3E3627



233A43



473231

Square

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



233A43



3F3340



44332B



2D3A2D

Rectangle

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



233A43



323646



44332B



393728

Sweetspot

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



233A43



4B5357



23432C



24292B



ABABAB



2B2B2B

Same Dimension

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



233A43



254957



232A43



1E2021



004661



00A1E0

Inverse Universe

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



43233A



572549



433C23



211E20



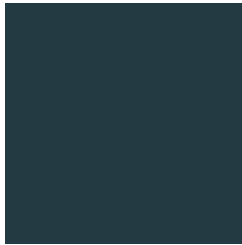
610046



E000A1

Previews

White Background



This preview shows how the Hex color 233A43 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

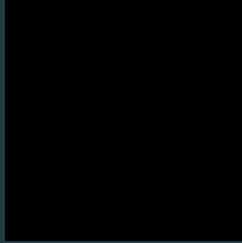
Any Text WCAG AA × Fail

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 233A43 Background



This preview shows how black text looks on a background with the Hex color 233A43.



This preview shows how white text looks on a background with the Hex color 233A43.

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
233A43

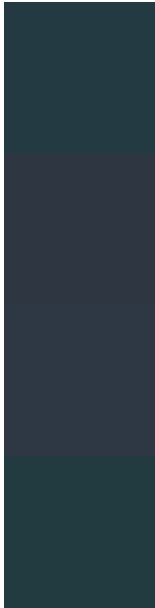
Protanopia
353640

Deuteranopia
353644



Tritanopia
223B3F

Trichromacy



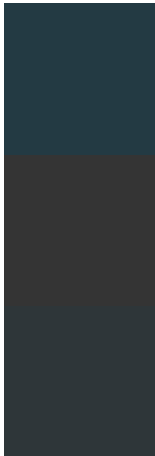
Original Color
233A43

Protanomaly
2E3741

Deuteranomaly
2E3744

Tritanomaly
223B40

Monochromacy



Original Color
233A43

Achromatopsia
343434

Achromatomaly
2E3639

CSS Examples

Text

The CSS property to change the color of the text to Hex 233A43 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 #233A43 looks like.

```
.text, #text, p{  
    color:#233A43  
}
```

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 #233A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233A43  
}
```

Border

The CSS property to change the border of an element to Hex 233A43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

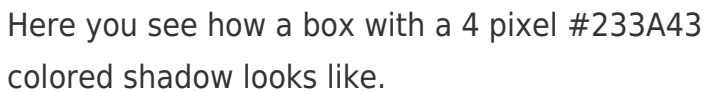
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#233A43 }
```

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

```
.border{ border-color:#233A43 }
```

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



Here you see how a box with a 4 pixel #233A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233A43; -webkit-box-shadow:4px 4px  
4px 4px #233A43; box-shadow:4px 4px 4px  
4px #233A43 }
```

Background

The CSS property to change the background color of an element to Hex 233A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233A43 }
```

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

```
.background{ background-color:#233A43 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor