

Converting Colors

Hex(233D43)

Have a look what the booklet for
Hex(233D43) contains.

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Color

Hex(233D43)

Conversions

Conversions Part 1

Format	Color
Hex	233D43
RGB	35, 61, 67
RGB Percent	14%, 24%, 26%
CMY	0.8627, 0.7608, 0.7373
CMYK	0.48, 0.09, 0.00, 0.74
HSL	191°, 31%, 20%
HSV	191°, 48%, 26%
XYZ	3.3750, 4.1001, 5.9237
YIQ	53.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

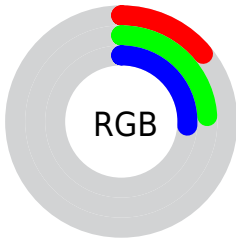
Format	Color
R_{YB}	35, 49, 67
Decimal	2309443
CIE Lab	24.00, -8.07, -6.82
CIE LCh	24, 10.565, 220.197
Yxy	4.1001, 0.2519, 0.3060
Android (android.graphics.Color)	4280499523 (0xFF233D43)
YUV	53.9100, 6.4534, -16.5841
Hunter-Lab	20.2486, -5.6830, -3.1712

Details

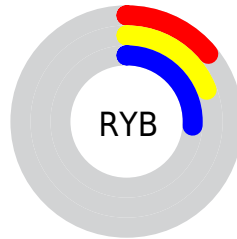
The Hex color **233D43** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **432923**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **526C73**, and **001318** is the 20% darker color. If you saturate the color by 10%, you get **1C3C43**, and if you desaturate by 10%, it is **2A3E43**.

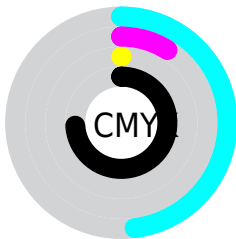
Distribution



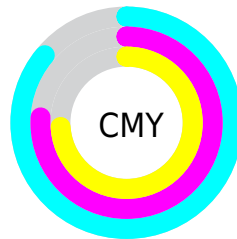
- Red (14%)
- Green (24%)
- Blue (26%)



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



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (76%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233D43 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 233D43 by changing the saturation by 10% instead.



233D43



233D43

FFFFFF



0C272D



526C73



001318



6A868C



000000



84A0A7



9EBBC2



BAD7DE



D6F3FA



F2FFFF



233D43



233D43

■ 1C3C43

■ 2A3E43

■ 163A43

■ 304043

■ 0F3943

■ 374143

■ 083843

■ 3E4243

■ 023743

■ 454343

■ 003643

■ 4B4543

■ 524643

■ 594743

■ 5F4843

Harmonies

Analogous

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



243E3C



233D43



293B48

Triad

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



233D43



46343F



3C3929

Complementary

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



233D43



432923

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.



44372A



233D43



493337

Square

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



233D43



3E3645



48342F



333C2D

Rectangle

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



233D43



303A49



48342F



3F3929

Sweetspot

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



233D43



4B5457



234329



242A2B



ABABAB



2B2B2B

Same Dimension

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



233D43



254D57



232D43



1E2121



004F61



00B6E0

Inverse Universe

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



43233D



57254D



433923



211E21



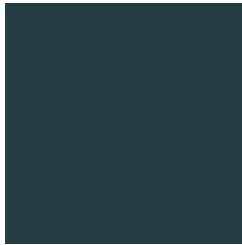
61004F



E000B6

Previews

White Background



This preview shows how the Hex color 233D43 looks on a white background.

Color Contrast Check

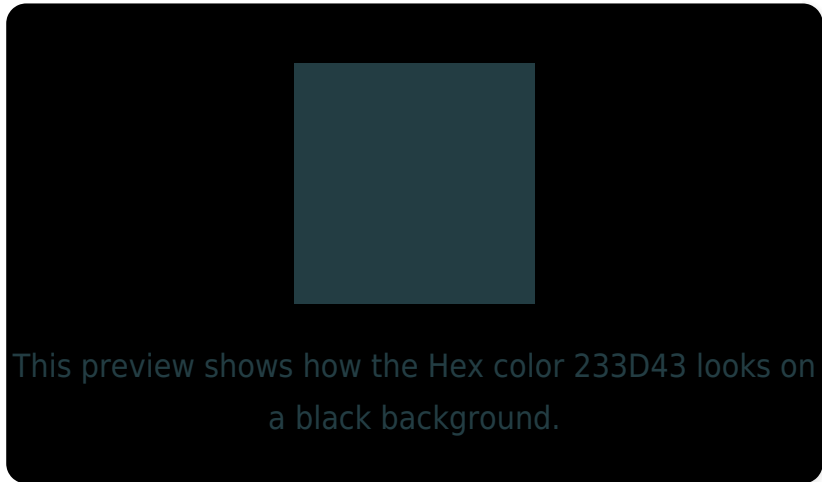
Large Text (above 18pt) WCAG AA ✓ Pass

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

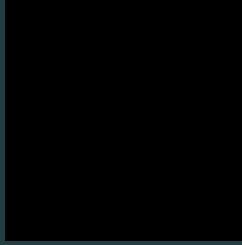
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

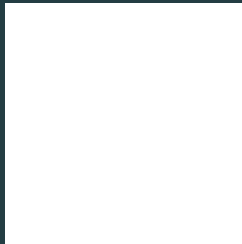
Any Text WCAG AAA × Fail

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

Hex 233D43 Background



This preview shows how black text looks on a background with the Hex color 233D43.



This preview shows how white text looks on a background with the Hex color 233D43.

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
233D43

Protanopia
383940

Deuteranopia
393844



Tritanopia
233D42

Trichromacy



Original Color
233D43

Protanomaly
303A41

Deuteranomaly
313A44

Tritanomaly
233D42

Monochromacy



Original Color
233D43

Achromatopsia
363636

Achromatomaly
2F393B

CSS Examples

Text

The CSS property to change the color of the text to Hex 233D43 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 #233D43 looks like.

```
.text, #text, p{  
    color:#233D43  
}
```

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 #233D43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233D43
}
```

Border

The CSS property to change the border of an element to Hex 233D43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

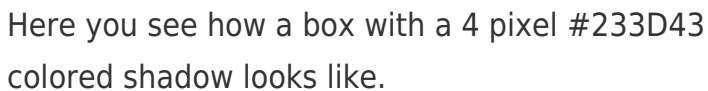
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#233D43 }
```

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

```
.border{ border-color:#233D43 }
```

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



Here you see how a box with a 4 pixel #233D43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233D43; -webkit-box-shadow:4px 4px  
4px 4px #233D43; box-shadow:4px 4px 4px  
4px #233D43 }
```

Background

The CSS property to change the background color of an element to Hex 233D43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233D43 }
```

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

```
.background{ background-color:#233D43 }
```

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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