

Converting Colors

Hex(23213C)

Have a look what the booklet for
Hex(23213C) contains.

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Color

Hex(23213C)

Conversions

Conversions Part 1

Format	Color
Hex	23213C
RGB	35, 33, 60
RGB Percent	14%, 13%, 24%
CMY	0.8627, 0.8706, 0.7647
CMYK	0.42, 0.45, 0.00, 0.76
HSL	244°, 29%, 18%
HSV	244°, 45%, 24%
XYZ	2.0526, 1.7713, 4.5087
YIQ	36.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

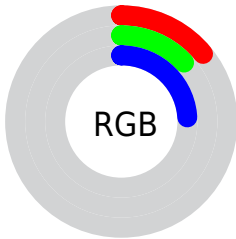
Format	Color
RYB	35, 33, 60
Decimal	2302268
CIELab	14.24, 8.90, -17.06
CIELCh	14, 19.241, 297.558
Yxy	1.7713, 0.2463, 0.2126
Android (android.graphics.Color)	4280492348 (0xFF23213C)
YUV	36.6760, 11.4987, -1.4699
Hunter-Lab	13.3090, 4.2389, -10.7694

Details

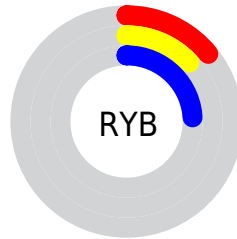
The Hex color **23213C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A3C21**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **514D6C**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **1D1B3C**, and if you desaturate by 10%, it is **29273C**.

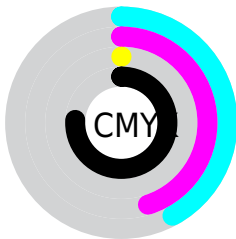
Distribution



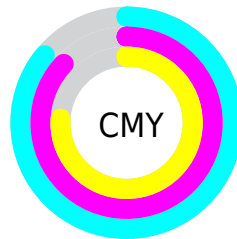
- Red (14%)
- Green (13%)
- Blue (24%)



- Red (14%)
- Yellow (13%)
- Blue (24%)



- Cyan (42%)
- Magenta (45%)
- Yellow (0%)
- Black (76%)



- Cyan (86%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23213C 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 23213C by changing the saturation by 10% instead.



23213C



23213C

FFFFFF



0F0A26



514D6C



000110



696585



000000



837E9F



9D98BA



B8B3D6



D4CEF2



F0EAF2



23213C



23213C

■ 1D1B3C

■ 29273C

■ 18153C

■ 2E2D3C

■ 120F3C

■ 34333C

■ 0D093C

■ 39393C

■ 07033C

■ 3F3F3C

■ 04003C

■ 44453C

■ 4A4B3C

■ 4F513C

■ 55573C

Harmonies

Analogous

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



05263F



23213C



341C33

Triad

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



23213C



371E0C



002B23

Complementary

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



23213C



3A3C21

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.



0E2A15



23213C



2D2304

Square

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



23213C



3D1A18



202709



002B30

Rectangle

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



23213C



3A192A



202709



002A1E

Sweetspot

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



23213C



45444F



213A3C



222229



A8A8A8



292929

Same Dimension

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



23213C



28244F



30213C



1C1C1F



07005E



1000DE

Inverse Universe

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



3C213A



4F244C



2D3C21



1F1C1E



5E0057



DE00CD

Previews

White Background



This preview shows how the Hex color 23213C looks on a white background.

Color Contrast Check

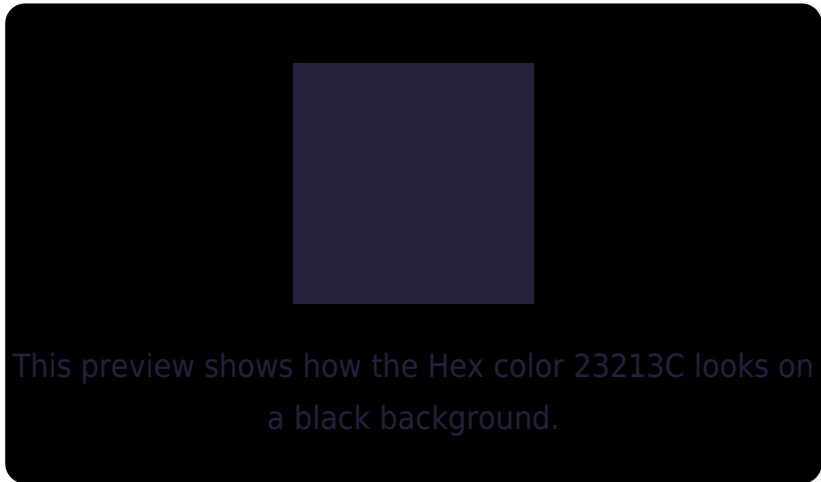
Large Text (above 18pt) WCAG AA ✓ Pass

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

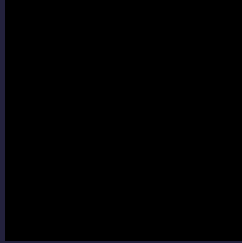
Any Text WCAG AA × Fail

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 23213C Background



This preview shows how black text looks on a background with the Hex color 23213C.



This preview shows how white text looks on a background with the Hex color 23213C.

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
23213C

Protanopia
18233E

Deuteranopia
16243B



Tritanopia
1E2528

Trichromacy



Original Color
23213C

Protanomaly
1C223D

Deuteranomaly
1B233B

Tritanomaly
20242F

Monochromacy



Original Color
23213C

Achromatopsia
252525

Achromatomaly
24242D

CSS Examples

Text

The CSS property to change the color of the text to Hex 23213C 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 #23213C looks like.

```
.text, #text, p{  
    color:#23213C  
}
```

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 #23213C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23213C  
}
```

Border

The CSS property to change the border of an element to Hex 23213C is called "border". The border property can be set on classes, ids or directly on the HTML element.

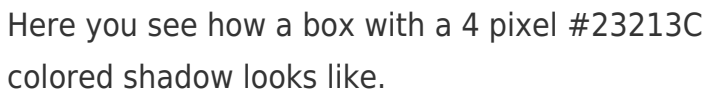
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#23213C }
```

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

```
.border{ border-color:#23213C }
```

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



Here you see how a box with a 4 pixel #23213C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23213C; -webkit-box-shadow:4px 4px  
4px 4px #23213C; box-shadow:4px 4px 4px  
4px #23213C }
```

Background

The CSS property to change the background color of an element to Hex 23213C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23213C }
```

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

```
.background{ background-color:#23213C }
```

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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