

Converting Colors

Hex(23323B)

Have a look what the booklet for
Hex(23323B) contains.

Hex(23323B)	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(23323B)

Conversions

Conversions Part 1

Format	Color
Hex	23323B
RGB	35, 50, 59
RGB Percent	14%, 20%, 23%
CMY	0.8627, 0.8039, 0.7686
CMYK	0.41, 0.15, 0.00, 0.77
HSL	202°, 26%, 18%
HSV	202°, 41%, 23%
XYZ	2.6232, 2.9543, 4.5697
YIQ	46.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

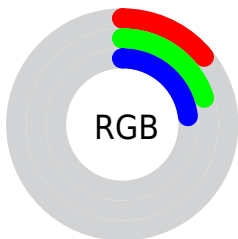
Format	Color
RYB	35, 44, 59
Decimal	2306619
CIELab	19.86, -3.47, -7.68
CIELCh	20, 8.423, 245.684
Yxy	2.9543, 0.2585, 0.2911
Android (android.graphics.Color)	4280496699 (0xFF23323B)
YUV	46.5410, 6.1423, -10.1215
Hunter-Lab	17.1881, -2.8373, -3.7313

Details

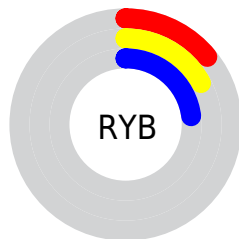
The Hex color **23323B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2C23**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **51606A**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **1D303B**, and if you desaturate by 10%, it is **29343B**.

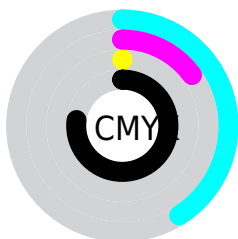
Distribution



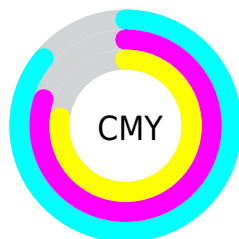
- Red (14%)
- Green (20%)
- Blue (23%)



- Red (14%)
- Yellow (17%)
- Blue (23%)



- Cyan (41%)
- Magenta (15%)
- Yellow (0%)
- Black (77%)



- Cyan (86%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23323B 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 23323B by changing the saturation by 10% instead.

■ 23323B

■ 23323B

FFFFFF

■ 0E1D25

■ 51606A

■ 000111

■ 697983

■ 000000

■ 82939D

■ 9CADB8

■ B7C9D4

■ D3E5F0

■ F0FFFF

■ 23323B

■ 23323B

■ 1D303B

■ 29343B

■ 172E3B

■ 2F363B

■ 112B3B

■ 35393B

■ 0B293B

■ 3B3B3B

■ 05273B

■ 413D3B

■ 00253B

■ 463F3B

■ 4C413B

■ 52443B

■ 58463B

Harmonies

Analogous

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



1F3337



23323B



2A303C

Triad

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



23323B



3C2C2F



2D3226

Complementary

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



23323B



3B2C23

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.



343024



23323B



3C2C29

Square

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



23323B



392C35



392E25



26332B

Rectangle

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



23323B



302F3B



392E25



2F3125

Sweetspot

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



23323B



43494D



233B2C



212426



A6A6A6



262626

Same Dimension

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



23323B



273E4D



23263B



1C1D1F



003B5E



008BDE

Inverse Universe

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



3B2332



4D273E



3B3823



1F1C1D



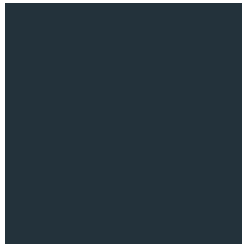
5E003B



DE008B

Previews

White Background



This preview shows how the Hex color 23323B looks on a white background.

Color Contrast Check

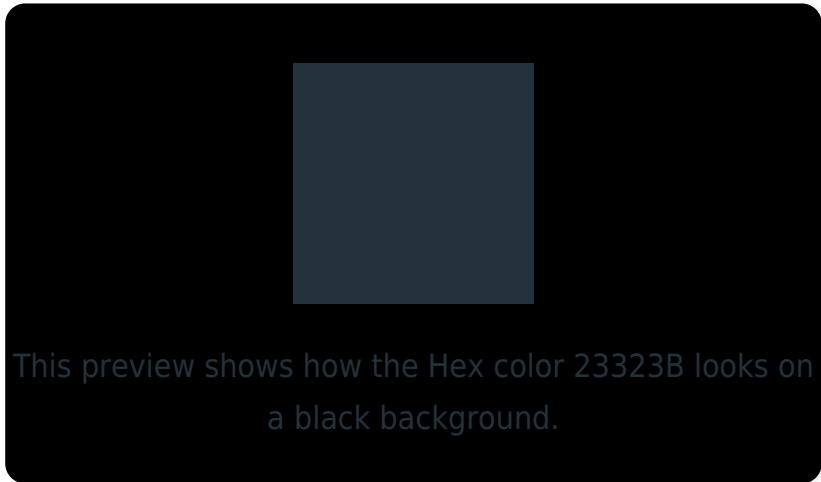
Large Text (above 18pt) WCAG AA ✓ Pass

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

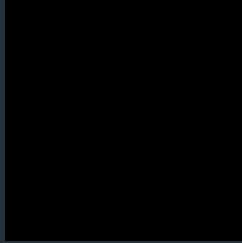
Any Text WCAG AA × Fail

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 23323B Background



This preview shows how black text looks on a background with the Hex color 23323B.



This preview shows how white text looks on a background with the Hex color 23323B.

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](#).

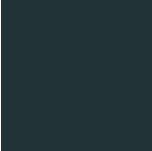
Dichromacy



Original Color
23323B

Protanopia
2E2F39

Deuteranopia
2F2F3C



Tritanopia
223337

Trichromacy



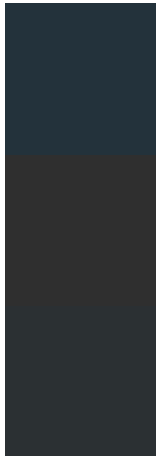
Original Color
23323B

Protanomaly
2A303A

Deuteranomaly
2B303C

Tritanomaly
223338

Monochromacy



Original Color
23323B

Achromatopsia
2F2F2F

Achromatomaly
2B3033

CSS Examples

Text

The CSS property to change the color of the text to Hex 23323B 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 #23323B looks like.

```
.text, #text, p{  
    color:#23323B  
}
```

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 #23323B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23323B
}
```

Border

The CSS property to change the border of an element to Hex 23323B is called "border". The border property can be set on classes, ids or directly on the HTML element.

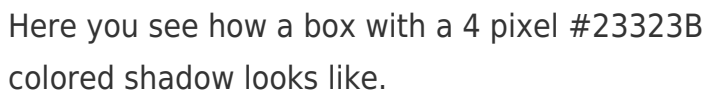
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23323B }
```

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

```
.border{ border-color:#23323B }
```

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



Here you see how a box with a 4 pixel #23323B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23323B; -webkit-box-shadow:4px 4px  
4px 4px #23323B; box-shadow:4px 4px 4px  
4px #23323B }
```

Background

The CSS property to change the background color of an element to Hex 23323B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23323B }
```

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

```
.background{ background-color:#23323B }
```

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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