

Converting Colors

Hex(23243B)

Have a look what the booklet for
Hex(23243B) contains.

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Color

Hex(23243B)

Conversions

Conversions Part 1

Format	Color
Hex	23243B
RGB	35, 36, 59
RGB Percent	14%, 14%, 23%
CMY	0.8627, 0.8588, 0.7686
CMYK	0.41, 0.39, 0.00, 0.77
HSL	238°, 26%, 18%
HSV	238°, 41%, 23%
XYZ	2.1134, 1.9348, 4.3997
YIQ	38.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

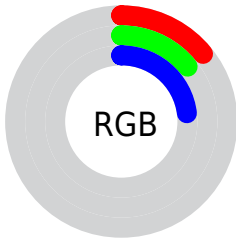
Format	Color
R_{YB}	35, 36, 59
Decimal	2303035
CIE Lab	15.14, 6.37, -14.94
CIE LCh	15, 16.240, 293.093
Yxy	1.9348, 0.2502, 0.2290
Android (android.graphics.Color)	4280493115 (0xFF23243B)
YUV	38.3230, 10.1938, -2.9143
Hunter-Lab	13.9099, 2.7786, -9.0167

Details

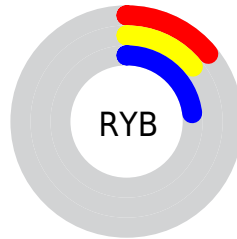
The Hex color **23243B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3A23**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **51506A**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **1D1E3B**, and if you desaturate by 10%, it is **292A3B**.

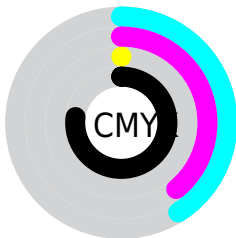
Distribution



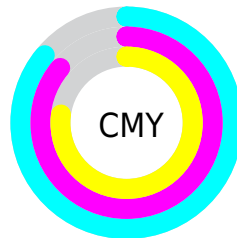
- Red (14%)
- Green (14%)
- Blue (23%)



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



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 23243B 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 23243B by changing the saturation by 10% instead.



23243B



23243B

FFFFFF



0F0F25



51506A



00010F



696884



000000



82829E



9D9CB9



B8B6D4



D3D2F1



F0EEFF



23243B



23243B

■ 1D1E3B

■ 292A3B

■ 17193B

■ 2F2F3B

■ 11133B

■ 35353B

■ 0B0D3B

■ 3B3B3B

■ 05083B

■ 41403B

■ 00023B

■ 46463B

■ 4C4C3B

■ 52513B

■ 58573B

Harmonies

Analogous

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



0D283D



23243B



322034

Triad

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



23243B



382014



052C23

Complementary

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



23243B



3B3A23

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.



172A18



23243B



30240E

Square

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



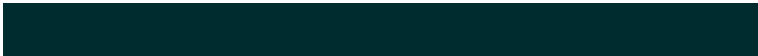
23243B



3C1D1E



242810



002C2F

Rectangle

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



23243B



381E2D



242810



0B2B1F

Sweetspot

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



23243B



43444D



233B3A



212126



A6A6A6



262626

Same Dimension

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



23243B



27294D



2E233B



1C1C1F



00045E



0009DE

Inverse Universe

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



3B2324



4D2729



303B23



1F1C1C



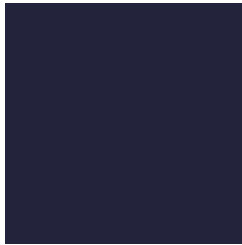
5E0004



DE0009

Previews

White Background



This preview shows how the Hex color 23243B looks on a white background.

Color Contrast Check

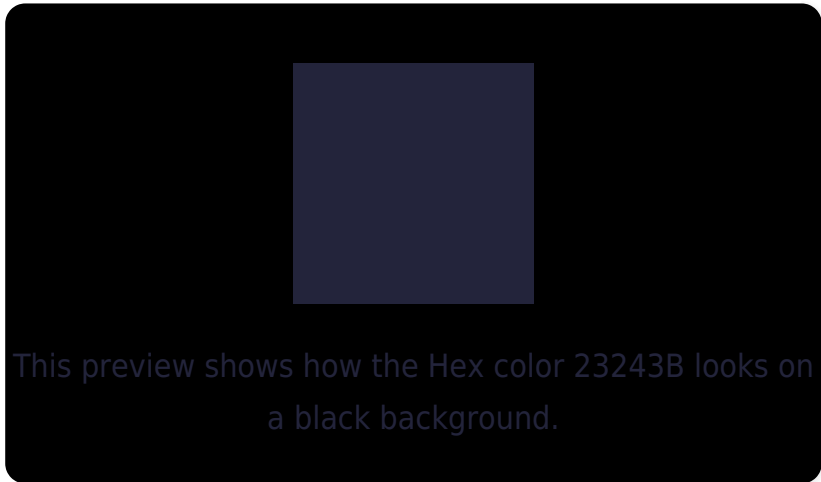
Large Text (above 18pt) WCAG AA ✓ Pass

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

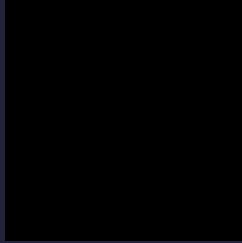
Any Text WCAG AA × Fail

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 23243B Background



This preview shows how black text looks on a background with the Hex color 23243B.



This preview shows how white text looks on a background with the Hex color 23243B.

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
23243B

Protanopia
1D253C

Deuteranopia
1C263B



Tritanopia
1F272B

Trichromacy



Original Color
23243B

Protanomaly
1F253C

Deuteranomaly
1F253B

Tritanomaly
202631

Monochromacy



Original Color
23243B

Achromatopsia
262626

Achromatomaly
25252E

CSS Examples

Text

The CSS property to change the color of the text to Hex 23243B 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 #23243B looks like.

```
.text, #text, p{  
    color:#23243B  
}
```

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 #23243B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23243B
}
```

Border

The CSS property to change the border of an element to Hex 23243B 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
#23243B }
```

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

```
.border{ border-color:#23243B }
```

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

Here you see how a box with a 4 pixel #23243B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23243B; -webkit-box-shadow:4px 4px  
4px 4px #23243B; box-shadow:4px 4px 4px  
4px #23243B }
```

Background

The CSS property to change the background color of an element to Hex 23243B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23243B }
```

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

```
.background{ background-color:#23243B }
```

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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