

Converting Colors

Hex(23242B)

Have a look what the booklet for
Hex(23242B) contains.

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Color

Hex(23242B)

Conversions

Conversions Part 1

Format	Color
Hex	23242B
RGB	35, 36, 43
RGB Percent	14%, 14%, 17%
CMY	0.8627, 0.8588, 0.8314
CMYK	0.19, 0.16, 0.00, 0.83
HSL	233°, 10%, 15%
HSV	233°, 19%, 17%
XYZ	1.7601, 1.7935, 2.5389
YIQ	36.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

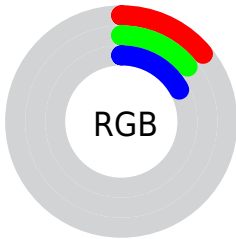
Format	Color
RYB	35, 36, 43
Decimal	2303019
CIELab	14.36, 1.40, -4.79
CIElCh	14, 4.988, 286.332
Yxy	1.7935, 0.2889, 0.2944
Android (android.graphics.Color)	4280493099 (0xFF23242B)
YUV	36.4990, 3.2050, -1.3146
Hunter-Lab	13.3921, 0.0230, -1.8658

Details

The Hex color **23242B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2A23**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4F5058**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F202B**, and if you desaturate by 10%, it is **27282B**.

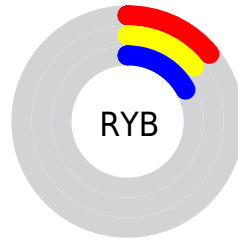
Distribution



Red (14%)

Green (14%)

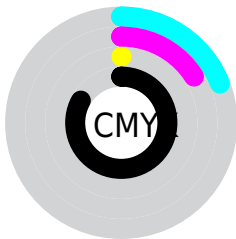
Blue (17%)



Red (14%)

Yellow (14%)

Blue (17%)

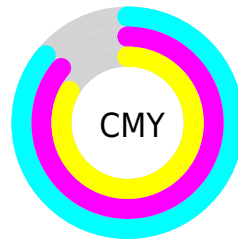


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (83%)



Cyan (86%)

Magenta (86%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23242B 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 23242B by changing the saturation by 10% instead.



23242B



23242B

FFFFFF



0E0F17



4F5058



000000



676871



81828A



9B9CA4



B5B6C0



D1D2DB



EDEEF8



23242B



23242B

■ 1F202B

■ 27282B

■ 1A1C2B

■ 2C2C2B

■ 16192B

■ 302F2B

■ 12152B

■ 34332B

■ 0E112B

■ 39372B

■ 090D2B

■ 3D3B2B

■ 050A2B

■ 413E2B

■ 01062B

■ 45422B

■ 00052B

■ 4A462B

Harmonies

Analogous

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



1F252B



23242B



272329

Triad

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



23242B



2B231F



1E2623

Complementary

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



23242B



2B2A23

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.



21261F



23242B



29241E

Square

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



23242B



2C2223



25251E



1C2626

Rectangle

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



23242B



2A2227



25251E



1F2621

Sweetspot

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



23242B



353538



232B2A



1A1A1C



9C9C9C



1C1C1C

Same Dimension

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



23242B



2C2D38



26232B



121314



000B54



001AD4

Inverse Universe

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



2B2324



382C2D



282B23



141213



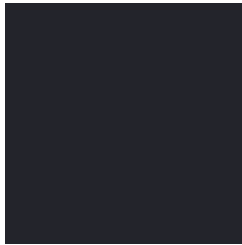
54000B



D4001A

Previews

White Background



This preview shows how the Hex color 23242B looks on a white background.

Color Contrast Check

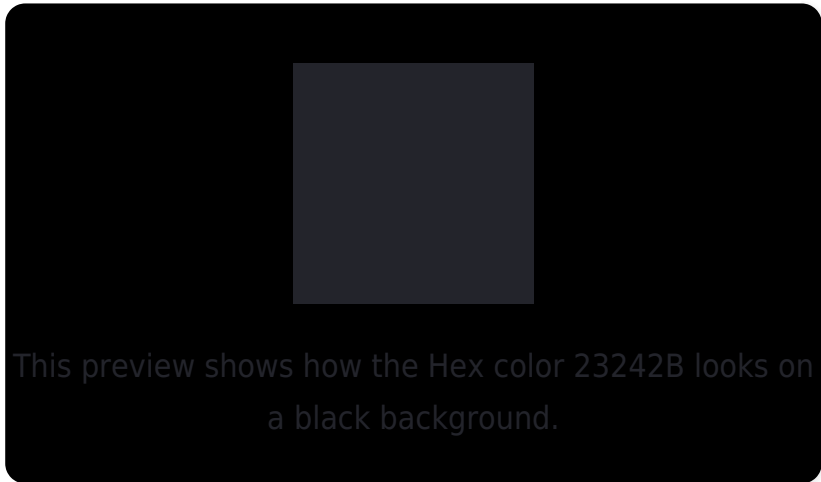
Large Text (above 18pt) WCAG AA ✓ Pass

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

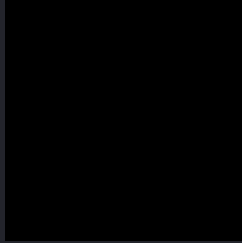
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

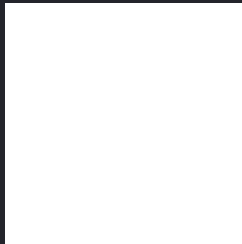
Any Text WCAG AAA × Fail

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

Hex 23242B Background



This preview shows how black text looks on a background with the Hex color 23242B.



This preview shows how white text looks on a background with the Hex color 23242B.

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](#).

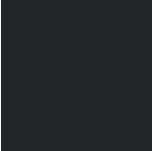
Dichromacy



Original Color
23242B

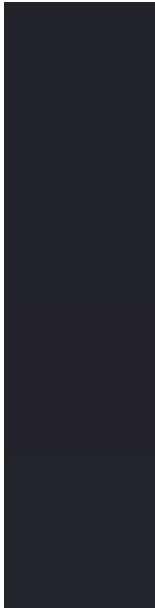
Protanopia
23242B

Deuteranopia
25232B



Tritanopia
222528

Trichromacy



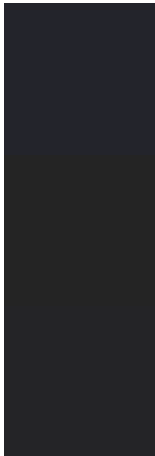
Original Color
23242B

Protanomaly
23242B

Deuteranomaly
24232B

Tritanomaly
222529

Monochromacy



Original Color
23242B

Achromatopsia
242424

Achromatomaly
242427

CSS Examples

Text

The CSS property to change the color of the text to Hex 23242B 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 #23242B looks like.

```
.text, #text, p{  
    color:#23242B  
}
```

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 #23242B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23242B
}
```

Border

The CSS property to change the border of an element to Hex 23242B is called "border". The border property can be set on classes, ids or directly on the HTML element.

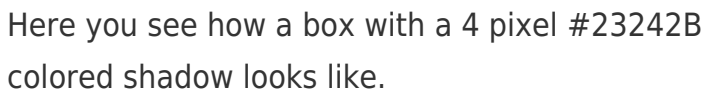
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23242B }
```

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

```
.border{ border-color:#23242B }
```

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



Here you see how a box with a 4 pixel #23242B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23242B; -webkit-box-shadow:4px 4px  
4px 4px #23242B; box-shadow:4px 4px 4px  
4px #23242B }
```

Background

The CSS property to change the background color of an element to Hex 23242B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23242B }
```

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

```
.background{ background-color:#23242B }
```

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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