

Converting Colors

Hex(223030)

Have a look what the booklet for
Hex(223030) contains.

Hex(223030)	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(223030)

Conversions

Conversions Part 1

Format	Color
Hex	223030
RGB	34, 48, 48
RGB Percent	13%, 19%, 19%
CMY	0.8667, 0.8118, 0.8118
CMYK	0.29, 0.00, 0.00, 0.81
HSL	180°, 17%, 16%
HSV	180°, 29%, 19%
XYZ	2.2501, 2.6674, 3.1926
YIQ	43.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

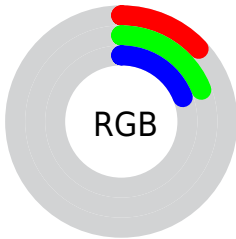
Format	Color
RYB	34, 41, 48
Decimal	2240560
CIELab	18.66, -5.82, -1.91
CIELCh	19, 6.131, 198.198
Yxy	2.6674, 0.2774, 0.3289
Android (android.graphics.Color)	4280430640 (0xFF223030)
YUV	43.8140, 2.0637, -8.6069
Hunter-Lab	16.3321, -3.9886, -0.1574

Details

The Hex color **223030** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302222**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4F5E5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D3030**, and if you desaturate by 10%, it is **273030**.

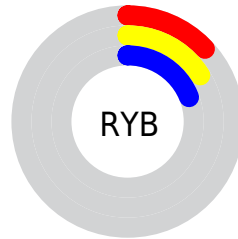
Distribution



Red (13%)

Green (19%)

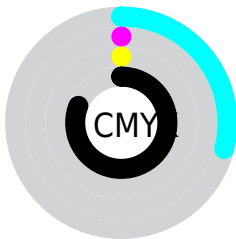
Blue (19%)



Red (13%)

Yellow (16%)

Blue (19%)

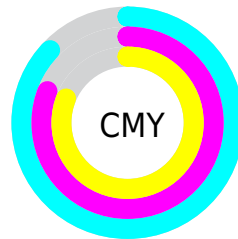


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (81%)



Cyan (87%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223030 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 223030 by changing the saturation by 10% instead.

■ 223030

■ 223030

FFFFFF

■ 0D1B1B

■ 4F5E5E

■ 000000

■ 677777

■ 809090

■ 9AABAB

■ B5C6C6

■ D1E2E2

■ EDFFFF

■ 223030

■ 223030

■ 1D3030

■ 273030

■ 183030

■ 2C3030

■ 143030

■ 303030

■ 0F3030

■ 353030

■ 0A3030

■ 3A3030

■ 053030

■ 3F3030

■ 003030

■ 443030

■ 483030

■ 4D3030

Harmonies

Analogous

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



24302B



223030



232F34

Triad

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



223030



312B33



332D25

Complementary

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



223030



302222

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.



362B27



223030



352B2F

Square

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



223030



2C2D36



372A2B



2E2E25

Rectangle

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



223030



252F35



372A2B



342C25

Sweetspot

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



223030



383D3D



223022



1B1F1F



9E9E9E



1F1F1F

Same Dimension

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



223030



283D3D



222930



151717



005757



00D6D6

Inverse Universe

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



302230



3D283D



302922



171517



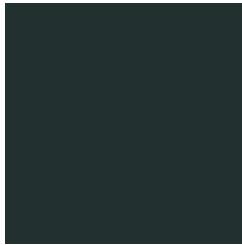
570057



D600D6

Previews

White Background



This preview shows how the Hex color 223030 looks on a white background.

Color Contrast Check

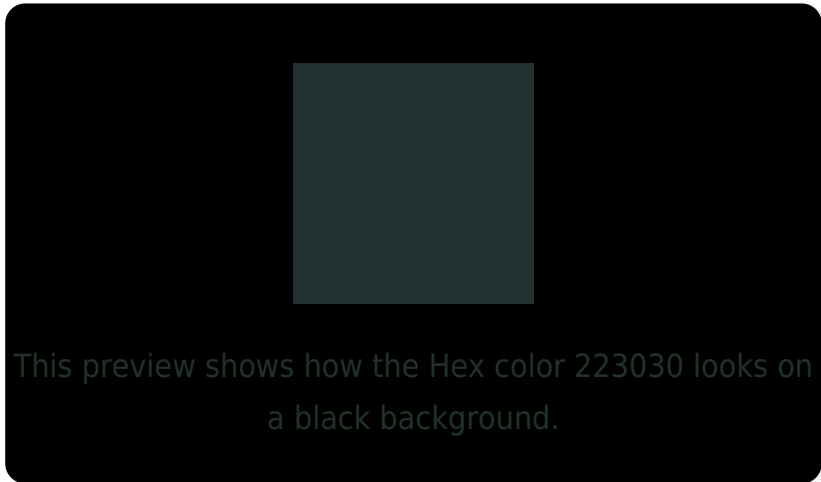
Large Text (above 18pt) WCAG AA ✓ Pass

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

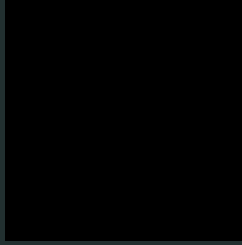
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

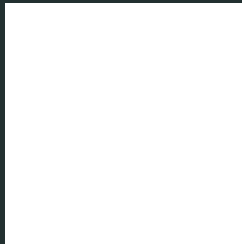
Any Text WCAG AAA × Fail

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

Hex 223030 Background



This preview shows how black text looks on a background with the Hex color 223030.



This preview shows how white text looks on a background with the Hex color 223030.

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
223030

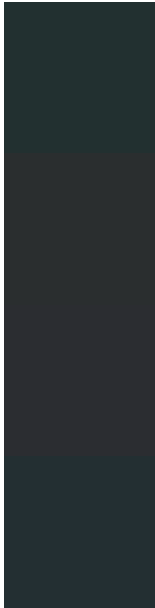
Protanopia
2E2D2E

Deuteranopia
302C31



Tritanopia
232F33

Trichromacy



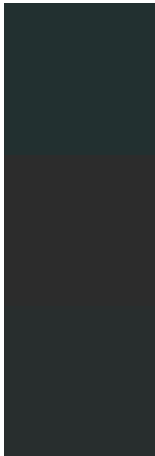
Original Color
223030

Protanomaly
2A2E2F

Deuteranomaly
2B2D31

Tritanomaly
232F32

Monochromacy



Original Color
223030

Achromatopsia
2C2C2C

Achromatomaly
282D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 223030 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 #223030 looks like.

```
.text, #text, p{  
    color:#223030  
}
```

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 #223030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223030
}
```

Border

The CSS property to change the border of an element to Hex 223030 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
#223030 }
```

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

```
.border{ border-color:#223030 }
```

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

Here you see how a box with a 4 pixel #223030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223030; -webkit-box-shadow:4px 4px  
4px 4px #223030; box-shadow:4px 4px 4px  
4px #223030 }
```

Background

The CSS property to change the background color of an element to Hex 223030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223030 }
```

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

```
.background{ background-color:#223030 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor