

Converting Colors

Hex(223930)

Have a look what the booklet for
Hex(223930) contains.

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Color

Hex(223930)

Conversions

Conversions Part 1

Format	Color
Hex	223930
RGB	34, 57, 48
RGB Percent	13%, 22%, 19%
CMY	0.8667, 0.7765, 0.8118
CMYK	0.40, 0.00, 0.16, 0.78
HSL	157°, 25%, 18%
HSV	157°, 40%, 22%
XYZ	2.6563, 3.4797, 3.3280
YIQ	49.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

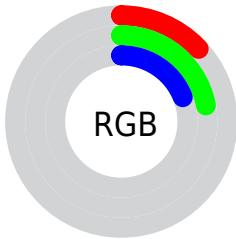
Format	Color
RYB	34, 48, 57
Decimal	2242864
CIELab	21.87, -11.50, 2.76
CIELCh	22, 11.830, 166.494
Yxy	3.4797, 0.2807, 0.3677
Android (android.graphics.Color)	4280432944 (0xFF223930)
YUV	49.0970, -0.5408, -13.2401
Hunter-Lab	18.6541, -7.2264, 2.4803

Details

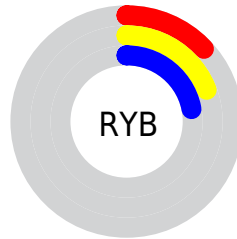
The Hex color **223930** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **39222B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4F685E**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **1C392E**, and if you desaturate by 10%, it is **283932**.

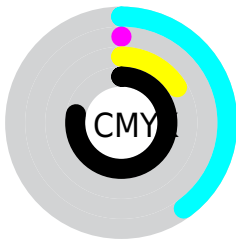
Distribution



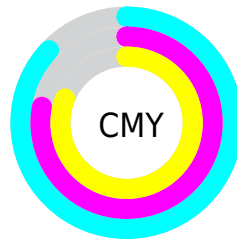
- Red (13%)
- Green (22%)
- Blue (19%)



- Red (13%)
- Yellow (19%)
- Blue (22%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (78%)



- Cyan (87%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223930 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 223930 by changing the saturation by 10% instead.

■ 223930

■ 223930

FFFFFF

■ 0D231B

■ 4F685E

■ 000D00

■ 688177

■ 000000

■ 819B90

■ 9BB6AB

■ B6D2C6

■ D2EEE2

■ EEEFFF

■ 223930

■ 223930

■ 1C392E

■ 283932

■ 17392C

■ 2D3934

■ 113929

■ 333937

■ 0B3927

■ 393939

■ 053925

■ 3F393B

■ 003923

■ 44393D

■ 4A3940

■ 503942

■ 553944

Harmonies

Analogous

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



2C3828



223930



1B3939

Triad

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



223930



303445



443028

Complementary

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



223930



39222B

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.



462E30



223930



3C3140

Square

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



223930



243645



432E39



3E3224

Rectangle

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



223930



1A393E



432E39



452F2A

Sweetspot

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



223930



414A46



2B3922



212624



A6A6A6



262626

Same Dimension

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



223930



264A3C



223739



191C1B



005C38



00DB85

Inverse Universe

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



39222B



4A2634



392422



1C191A



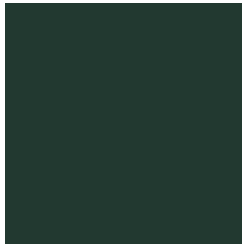
5C0024



DB0056

Previews

White Background



This preview shows how the Hex color 223930 looks on a white background.

Color Contrast Check

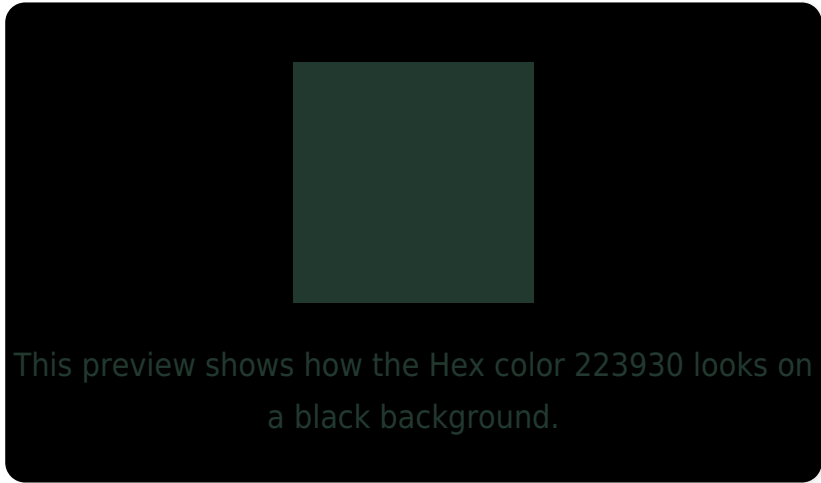
Large Text (above 18pt) WCAG AA ✓ Pass

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

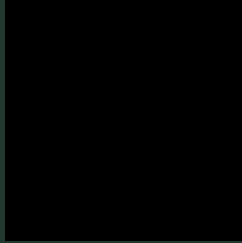
Any Text WCAG AA × Fail

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 223930 Background



This preview shows how black text looks on a background with the Hex color 223930.



This preview shows how white text looks on a background with the Hex color 223930.

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
223930

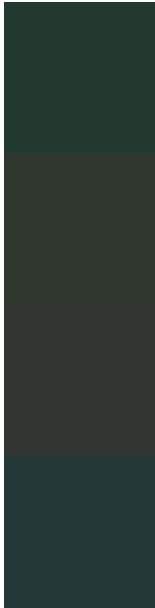
Protanopia
37342D

Deuteranopia
3A3231



Tritanopia
25373C

Trichromacy



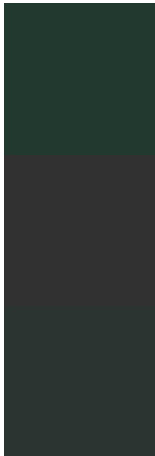
Original Color
223930

Protanomaly
2F362E

Deuteranomaly
313531

Tritanomaly
243838

Monochromacy



Original Color
223930

Achromatopsia
313131

Achromatomaly
2C3431

CSS Examples

Text

The CSS property to change the color of the text to Hex 223930 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 #223930 looks like.

```
.text, #text, p{  
    color:#223930  
}
```

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 #223930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223930
}
```

Border

The CSS property to change the border of an element to Hex 223930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

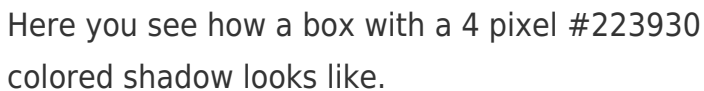
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#223930 }
```

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

```
.border{ border-color:#223930 }
```

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



Here you see how a box with a 4 pixel #223930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223930; -webkit-box-shadow:4px 4px  
4px 4px #223930; box-shadow:4px 4px 4px  
4px #223930 }
```

Background

The CSS property to change the background color of an element to Hex 223930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223930 }
```

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

```
.background{ background-color:#223930 }
```

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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