

Converting Colors

Hex(223236)

Have a look what the booklet for
Hex(223236) contains.

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Color

Hex(223236)

Conversions

Conversions Part 1

Format	Color
Hex	223236
RGB	34, 50, 54
RGB Percent	13%, 20%, 21%
CMY	0.8667, 0.8039, 0.7882
CMYK	0.37, 0.07, 0.00, 0.79
HSL	192°, 23%, 17%
HSV	192°, 37%, 21%
XYZ	2.4661, 2.8876, 3.9174
YIQ	45.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

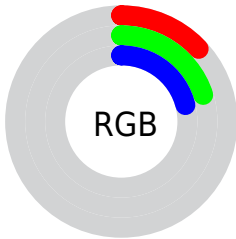
Format	Color
R_YB	34, 43, 54
Decimal	2241078
CIE Lab	19.59, -5.37, -4.67
CIE LCh	20, 7.117, 220.970
Yxy	2.8876, 0.2660, 0.3115
Android (android.graphics.Color)	4280431158 (0xFF223236)
YUV	45.6720, 4.1057, -10.2363
Hunter-Lab	16.9930, -3.8326, -1.7731

Details

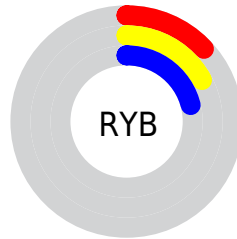
The Hex color **223236** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362622**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4F6065**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **1D3136**, and if you desaturate by 10%, it is **273336**.

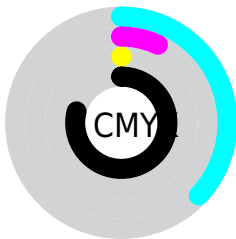
Distribution



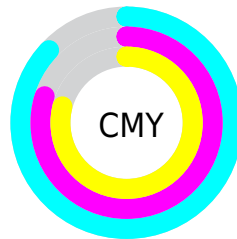
- Red (13%)
- Green (20%)
- Blue (21%)



- Red (13%)
- Yellow (17%)
- Blue (21%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223236 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 223236 by changing the saturation by 10% instead.

■ 223236

■ 223236

FFFFFF

■ 0D1D21

■ 4F6065

■ 00000A

■ 67797E

■ 000000

■ 819397

■ 9BADB2

■ B6C9CE

■ D1E5EA

■ EEEFFF

■ 223236

■ 223236

■ 1D3136

■ 273336

■ 173036

■ 2D3436

■ 122F36

■ 323536

■ 0C2E36

■ 383636

■ 072D36

■ 3D3736

■ 022C36

■ 423836

■ 002B36

■ 483A36

■ 4D3B36

■ 533C36

Harmonies

Analogous

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



223231



223236



263139

Triad

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



223236



382C33



323025

Complementary

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



223236



362622

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.



372E26



223236



3A2C2E

Square

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



223236



332D37



3A2C29



2C3127

Rectangle

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



223236



2A303A



3A2C29



332F25

Sweetspot

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



223236



404647



223626



1F2324



A3A3A3



242424

Same Dimension

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



223236



284147



222836



191B1C



00495C



00AFDB

Inverse Universe

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



362232



472841



363022



1C191B



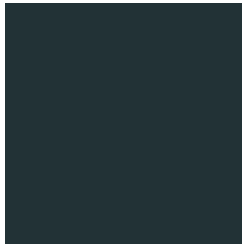
5C0049



DB00AF

Previews

White Background



This preview shows how the Hex color 223236 looks on a white background.

Color Contrast Check

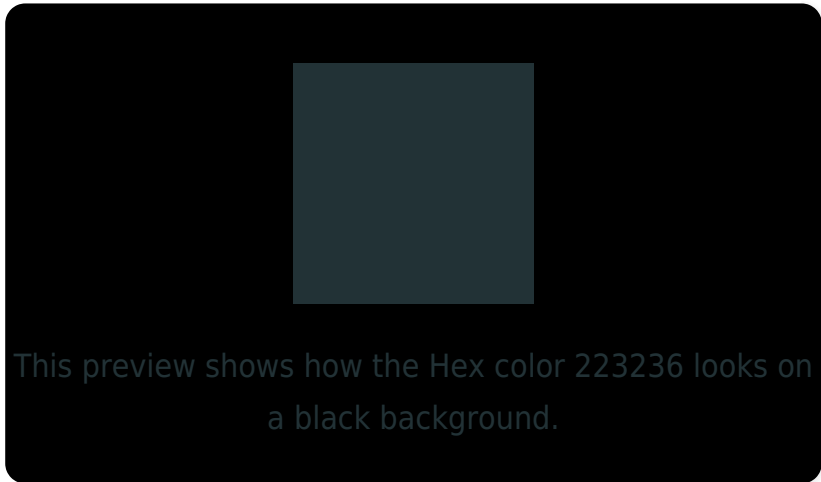
Large Text (above 18pt) WCAG AA ✓ Pass

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

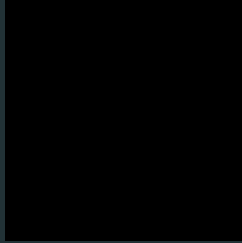
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

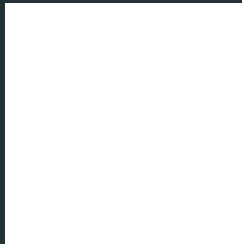
Any Text WCAG AAA × Fail

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

Hex 223236 Background



This preview shows how black text looks on a background with the Hex color 223236.



This preview shows how white text looks on a background with the Hex color 223236.

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](#).

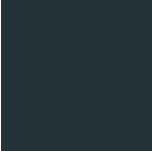
Dichromacy



Original Color
223236

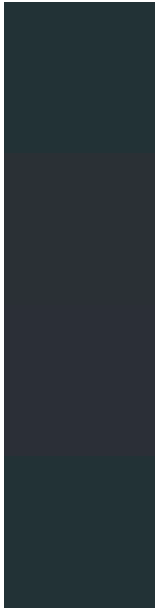
Protanopia
2F2F34

Deuteranopia
302E37



Tritanopia
223236

Trichromacy



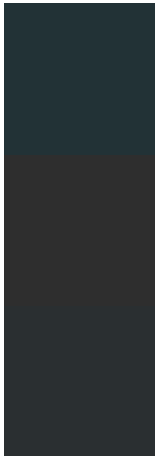
Original Color
223236

Protanomaly
2A3035

Deuteranomaly
2B2F37

Tritanomaly
223236

Monochromacy



Original Color
223236

Achromatopsia
2E2E2E

Achromatomaly
2A2F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 223236 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 #223236 looks like.

```
.text, #text, p{  
    color:#223236  
}
```

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 #223236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223236
}
```

Border

The CSS property to change the border of an element to Hex 223236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

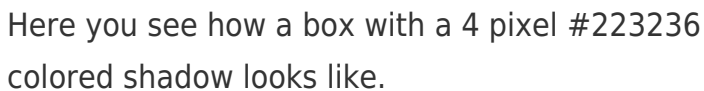
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#223236 }
```

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

```
.border{ border-color:#223236 }
```

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



Here you see how a box with a 4 pixel #223236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223236; -webkit-box-shadow:4px 4px  
4px 4px #223236; box-shadow:4px 4px 4px  
4px #223236 }
```

Background

The CSS property to change the background color of an element to Hex 223236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223236 }
```

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

```
.background{ background-color:#223236 }
```

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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