

Converting Colors

Hex(232336)

Have a look what the booklet for
Hex(232336) contains.

Hex(232336)	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(232336)

Conversions

Conversions Part 1

Format	Color
Hex	232336
RGB	35, 35, 54
RGB Percent	14%, 14%, 21%
CMY	0.8627, 0.8627, 0.7882
CMYK	0.35, 0.35, 0.00, 0.79
HSL	240°, 21%, 17%
HSV	240°, 35%, 21%
XYZ	1.9600, 1.8257, 3.7391
YIQ	37.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

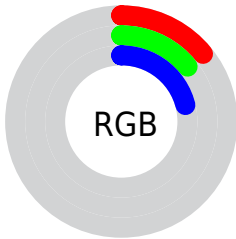
Format	Color
RYB	35, 35, 54
Decimal	2302774
CIELab	14.54, 5.45, -12.34
CIElCh	15, 13.496, 293.837
Yxy	1.8257, 0.2605, 0.2426
Android (android.graphics.Color)	4280492854 (0xFF232336)
YUV	37.1660, 8.2992, -1.8996
Hunter-Lab	13.5120, 2.2470, -6.9488

Details

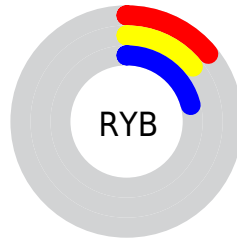
The Hex color **232336** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **363623**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **504F65**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **1E1E36**, and if you desaturate by 10%, it is **282836**.

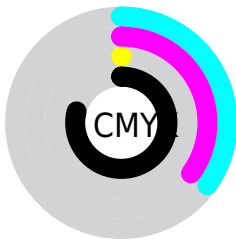
Distribution



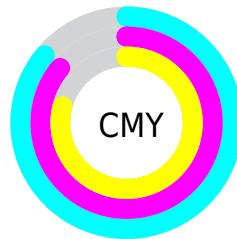
- Red (14%)
- Green (14%)
- Blue (21%)



- Red (14%)
- Yellow (14%)
- Blue (21%)



- Cyan (35%)
- Magenta (35%)
- Yellow (0%)
- Black (79%)



- Cyan (86%)
- Magenta (86%)
- Yellow (79%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232336 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 232336 by changing the saturation by 10% instead.

■ 232336

■ 232336

FFFFFF

■ 0F0D21

■ 504F65

■ 000007

■ 68677E

■ 000000

■ 828098

■ 9C9AB2

■ B7B5CE

■ D2D1EA

■ EFEDFF

■ 232336

■ 232336

■ 1E1E36

■ 282836

■ 181836

■ 2E2E36

■ 131336

■ 333336

■ 0D0D36

■ 393936

■ 080836

■ 3E3E36

■ 030336

■ 434336

■ 000036

■ 494936

■ 4E4E36

■ 545436

Harmonies

Analogous

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



132637



232336



2F2030

Triad

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



232336



342016



0C2A22

Complementary

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



232336



363623

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.



182919



232336



2D2312

Square

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



232336



371E1E



232613



022A2C

Rectangle

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



232336



341E2A



232613



10291F

Sweetspot

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



232336



404047



233636



1F1F24



A3A3A3



242424

Same Dimension

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



232336



292947



2D2336



19191C



00005C



0000DB

Inverse Universe

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



362336



472947



2D3623



1C191C



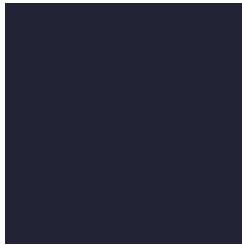
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 232336 looks on a white background.

Color Contrast Check

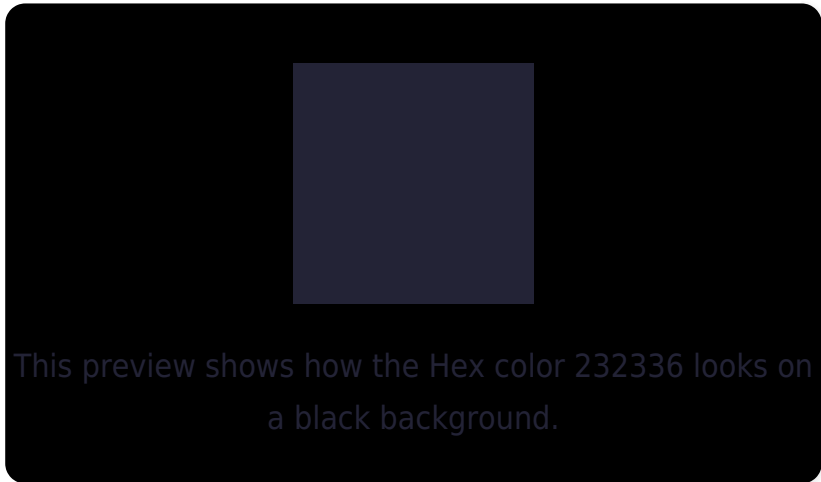
Large Text (above 18pt) WCAG AA ✓ Pass

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

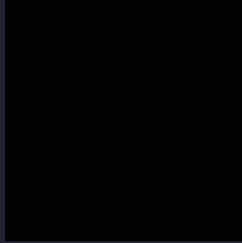
Any Text WCAG AA × Fail

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 232336 Background



This preview shows how black text looks on a background with the Hex color 232336.

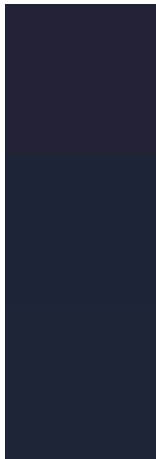


This preview shows how white text looks on a background with the Hex color 232336.

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
232336

Protanopia
1E2437

Deuteranopia
1E2536

Trichromacy



Original Color
232336

Protanomaly
202437

Deuteranomaly
202436

Tritanomaly
21252E

Monochromacy



Original Color
232336

Achromatopsia
252525

Achromatomaly
24242B

CSS Examples

Text

The CSS property to change the color of the text to Hex 232336 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 #232336 looks like.

```
.text, #text, p{  
    color:#232336  
}
```

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 #232336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232336
}
```

Border

The CSS property to change the border of an element to Hex 232336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

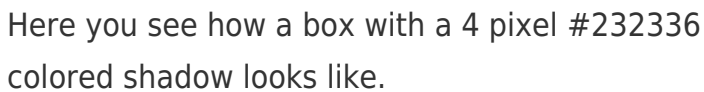
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#232336 }
```

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

```
.border{ border-color:#232336 }
```

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



Here you see how a box with a 4 pixel #232336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232336; -webkit-box-shadow:4px 4px  
4px 4px #232336; box-shadow:4px 4px 4px  
4px #232336 }
```

Background

The CSS property to change the background color of an element to Hex 232336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232336 }
```

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

```
.background{ background-color:#232336 }
```

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