

Converting Colors

Hex(232C40)

Have a look what the booklet for
Hex(232C40) contains.

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Color

Hex(232C40)

Conversions

Conversions Part 1

Format	Color
Hex	232C40
RGB	35, 44, 64
RGB Percent	14%, 17%, 25%
CMY	0.8627, 0.8275, 0.7490
CMYK	0.45, 0.31, 0.00, 0.75
HSL	221°, 29%, 19%
HSV	221°, 45%, 25%
XYZ	2.5192, 2.5289, 5.2058
YIQ	43.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

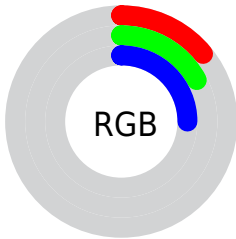
Format	Color
RYB	35, 42, 64
Decimal	2305088
CIELab	18.05, 2.32, -13.88
CIELCh	18, 14.077, 279.472
Yxy	2.5289, 0.2457, 0.2466
Android (android.graphics.Color)	4280495168 (0xFF232C40)
YUV	43.5890, 10.0626, -7.5326
Hunter-Lab	15.9024, 0.4486, -8.2776

Details

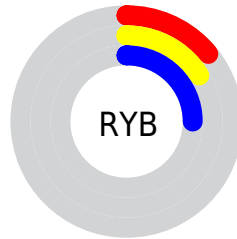
The Hex color **232C40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403723**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **515970**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **1D2840**, and if you desaturate by 10%, it is **293040**.

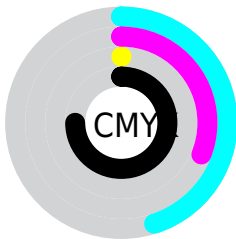
Distribution



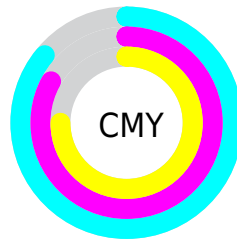
- Red (14%)
- Green (17%)
- Blue (25%)



- Red (14%)
- Yellow (16%)
- Blue (25%)



- Cyan (45%)
- Magenta (31%)
- Yellow (0%)
- Black (75%)



- Cyan (86%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232C40 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 232C40 by changing the saturation by 10% instead.

■ 232C40

■ 232C40

FFFFFF

■ 0D182A

■ 515970

■ 000116

■ 697289

■ 000000

■ 838BA4

■ 9DA6BF

■ B8C1DB

■ D4DDF7

■ F0F9FF

■ 232C40

■ 232C40

■ 1D2840

■ 293040

■ 162340

■ 303540

■ 101F40

■ 363940

■ 091A40

■ 3D3E40

■ 031640

■ 434240

■ 001440

■ 494640

■ 504B40

■ 564F40

■ 5D5440

Harmonies

Analogous

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



122F3F



232C40



31283C

Triad

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



232C40



3F2620



183125

Complementary

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



232C40



403723

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.



252F1C



232C40



392919

Square

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



232C40



402429



302D18



0C322F

Rectangle

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



232C40



392637



302D18



1D3121

Sweetspot

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



232C40



484C54



234037



24262B



ABABAB



2B2B2B

Same Dimension

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



232C40



273554



282340



1E1F21



001E61



0046E0

Inverse Universe

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



40232C



542735



3B4023



211E1F



61001E



E00046

Previews

White Background



This preview shows how the Hex color 232C40 looks on a white background.

Color Contrast Check

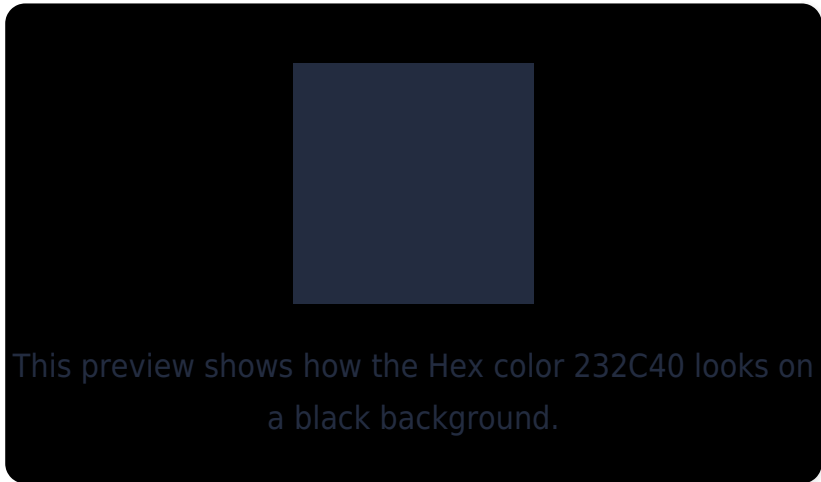
Large Text (above 18pt) WCAG AA ✓ Pass

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

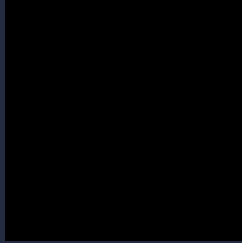
Any Text WCAG AA × Fail

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 232C40 Background



This preview shows how black text looks on a background with the Hex color 232C40.



This preview shows how white text looks on a background with the Hex color 232C40.

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
232C40

Protanopia
262B40

Deuteranopia
242C40



Tritanopia
1F2F32

Trichromacy



Original Color
232C40

Protanomaly
252B40

Deuteranomaly
242C40

Tritanomaly
202E37

Monochromacy



Original Color
232C40

Achromatopsia
2C2C2C

Achromatomaly
292C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 232C40 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 #232C40 looks like.

```
.text, #text, p{  
    color:#232C40  
}
```

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 #232C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232C40
}
```

Border

The CSS property to change the border of an element to Hex 232C40 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
#232C40 }
```

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

```
.border{ border-color:#232C40 }
```

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

Here you see how a box with a 4 pixel #232C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232C40; -webkit-box-shadow:4px 4px  
4px 4px #232C40; box-shadow:4px 4px 4px  
4px #232C40 }
```

Background

The CSS property to change the background color of an element to Hex 232C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232C40 }
```

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

```
.background{ background-color:#232C40 }
```

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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