

Converting Colors

Hex(232E35)

Have a look what the booklet for
Hex(232E35) contains.

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Color

Hex(232E35)

Conversions

Conversions Part 1

Format	Color
Hex	232E35
RGB	35, 46, 53
RGB Percent	14%, 18%, 21%
CMY	0.8627, 0.8196, 0.7922
CMYK	0.34, 0.13, 0.00, 0.79
HSL	203°, 20%, 17%
HSV	203°, 34%, 21%
XYZ	2.3127, 2.5684, 3.7420
YIQ	43.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

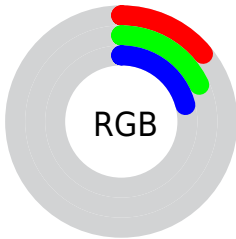
Format	Color
R_{YB}	35, 42, 53
Decimal	2305589
CIE _{Lab}	18.22, -2.63, -6.02
CIE _{LCh}	18, 6.567, 246.360
Yxy	2.5684, 0.2682, 0.2978
Android (android.graphics.Color)	4280495669 (0xFF232E35)
YUV	43.5090, 4.6791, -7.4624
Hunter-Lab	16.0261, -2.2862, -2.6256

Details

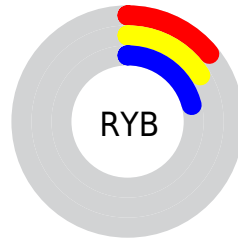
The Hex color **232E35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352A23**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **505C64**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **1E2C35**, and if you desaturate by 10%, it is **283035**.

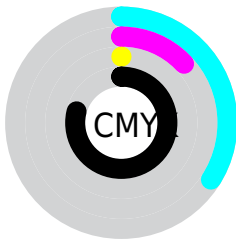
Distribution



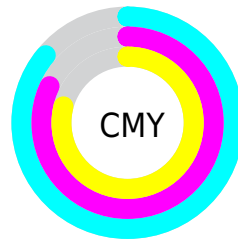
- Red (14%)
- Green (18%)
- Blue (21%)



- Red (14%)
- Yellow (16%)
- Blue (21%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (79%)



- Cyan (86%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232E35 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 232E35 by changing the saturation by 10% instead.

■ 232E35

■ 232E35

FFFFFF

■ 0E1920

■ 505C64

■ 000007

■ 68747C

■ 000000

■ 818E96

■ 9CA8B1

■ B6C3CC

■ D2DFE9

■ EEFCFF

■ 232E35

■ 232E35

■ 1E2C35

■ 283035

■ 182A35

■ 2E3235

■ 132835

■ 333435

■ 0E2635

■ 383635

■ 082435

■ 3E3835

■ 032235

■ 433A35

■ 002035

■ 483C35

■ 4D3E35

■ 534135

Harmonies

Analogous

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



202F32



232E35



292D36

Triad

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



232E35



36292C



2A2E25

Complementary

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



232E35



352A23

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.



2F2C23



232E35



362A27

Square

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



232E35



342A30



342B24



252F29

Rectangle

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



232E35



2D2B35



342B24



2C2D24

Sweetspot

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



232E35



3E4245



23352A



1F2224



A3A3A3



242424

Same Dimension

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



232E35



293A45



232535



17191A



003759



0084D9

Inverse Universe

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



35232E



45293A



353323



1A1719



590037



D90084

Previews

White Background



This preview shows how the Hex color 232E35 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

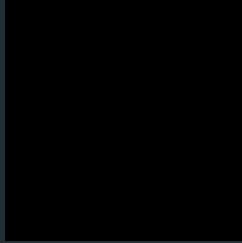
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

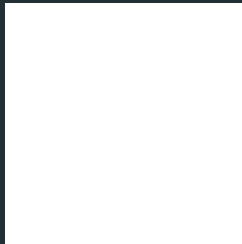
Any Text WCAG AAA × Fail

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

Hex 232E35 Background



This preview shows how black text looks on a background with the Hex color 232E35.



This preview shows how white text looks on a background with the Hex color 232E35.

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
232E35

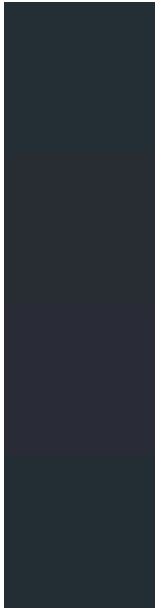
Protanopia
2B2C34

Deuteranopia
2C2B36



Tritanopia
222E32

Trichromacy



Original Color
232E35

Protanomaly
282D34

Deuteranomaly
292C36

Tritanomaly
222E33

Monochromacy



Original Color
232E35

Achromatopsia
2C2C2C

Achromatomaly
292D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 232E35 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 #232E35 looks like.

```
.text, #text, p{  
    color:#232E35  
}
```

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 #232E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232E35
}
```

Border

The CSS property to change the border of an element to Hex 232E35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

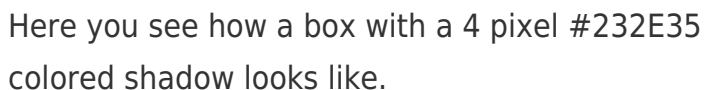
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#232E35 }
```

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

```
.border{ border-color:#232E35 }
```

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



Here you see how a box with a 4 pixel #232E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232E35; -webkit-box-shadow:4px 4px  
4px 4px #232E35; box-shadow:4px 4px 4px  
4px #232E35 }
```

Background

The CSS property to change the background color of an element to Hex 232E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232E35 }
```

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

```
.background{ background-color:#232E35 }
```

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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