

Converting Colors

Hex(2A2B35)

Have a look what the booklet for
Hex(2A2B35) contains.

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Color

Hex(2A2B35)

Conversions

Conversions Part 1

Format	Color
Hex	2A2B35
RGB	42, 43, 53
RGB Percent	16%, 17%, 21%
CMY	0.8353, 0.8314, 0.7922
CMYK	0.21, 0.19, 0.00, 0.79
HSL	235°, 12%, 19%
HSV	235°, 21%, 21%
XYZ	2.4613, 2.4770, 3.7165
YIQ	43.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

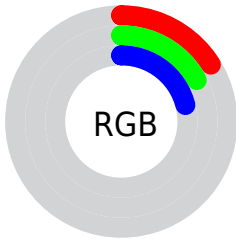
Format	Color
R_YB	42, 43, 53
Decimal	2763573
CIE Lab	17.81, 2.17, -6.58
CIE LCh	18, 6.926, 288.301
Yxy	2.4770, 0.2844, 0.2862
Android (android.graphics.Color)	4280953653 (0xFF2A2B35)
YUV	43.8410, 4.5154, -1.6146
Hunter-Lab	15.7386, 0.3727, -2.9839

Details

The Hex color **2A2B35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35342A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **575864**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **252635**, and if you desaturate by 10%, it is **2F3035**.

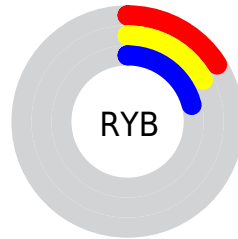
Distribution



Red (16%)

Green (17%)

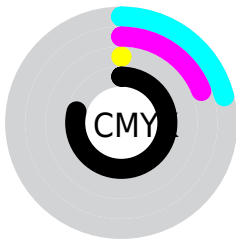
Blue (21%)



Red (16%)

Yellow (17%)

Blue (21%)

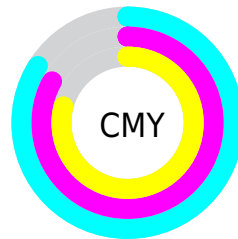


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (79%)



Cyan (84%)

Magenta (83%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2B35 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 2A2B35 by changing the saturation by 10% instead.

■ 2A2B35

■ 2A2B35

FFFFFF

■ 151720

■ 575864

■ 000007

■ 70717C

■ 000000

■ 898A96

■ A4A4B1

■ BFC0CC

■ DADBE9

■ F7F8FF

■ 2A2B35

■ 2A2B35

■ 252635

■ 2F3035

■ 1F2135

■ 353535

■ 1A1D35

■ 3A3935

■ 151835

■ 3F3E35

■ 0F1335

■ 454335

■ 0A0E35

■ 4A4835

■ 050935

■ 4F4D35

■ 000535

■ 545235

■ 5A5635

Harmonies

Analogous

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



242D35



2A2B35



302932

Triad

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



2A2B35



352924



212E29

Complementary

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



2A2B35



35342A

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.



272E25



2A2B35



312B22

Square

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



2A2B35



362829



2C2C22



1F2E2F

Rectangle

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



2A2B35



33292F



2C2C22



232E28

Sweetspot

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



2A2B35



414145



2A3534



212124



A3A3A3



242424

Same Dimension

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



2A2B35



343545



2E2A35



17171A



000859



0014D9

Inverse Universe

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



352A2B



453435



31352A



1A1717



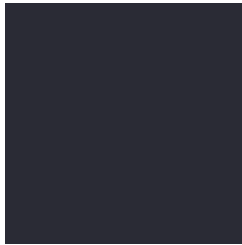
590008



D90014

Previews

White Background



This preview shows how the Hex color 2A2B35 looks on a white background.

Color Contrast Check

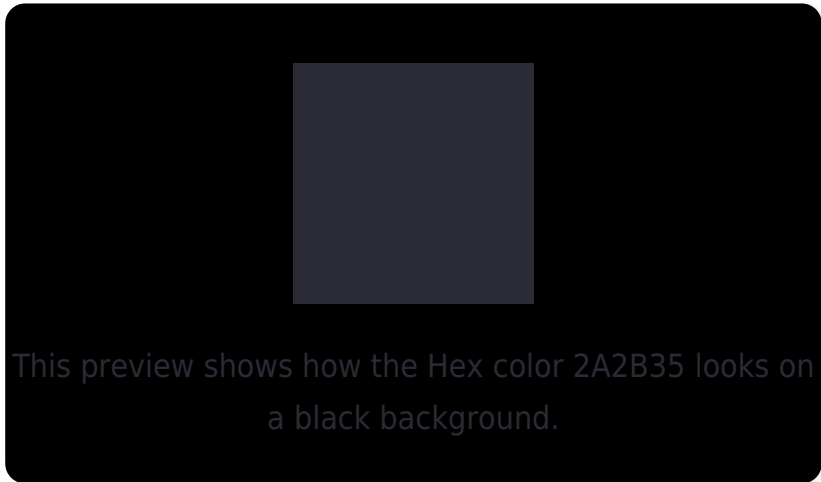
Large Text (above 18pt) WCAG AA ✓ Pass

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

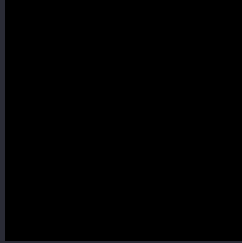
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

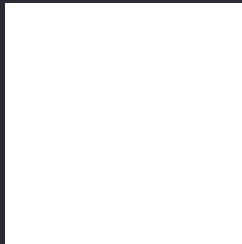
Any Text WCAG AAA × Fail

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

Hex 2A2B35 Background



This preview shows how black text looks on a background with the Hex color 2A2B35.



This preview shows how white text looks on a background with the Hex color 2A2B35.

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

[2A2B35](#)

Protanopia

[292B35](#)

Deuteranopia

[2B2B35](#)

Trichromacy



Original Color

2A2B35

Protanomaly

292B35

Deuteranomaly

2B2B35

Tritanomaly

292C31

Monochromacy



Original Color

2A2B35

Achromatopsia

2C2C2C

Achromatomaly

2B2C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2B35 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 #2A2B35 looks like.

```
.text, #text, p{  
    color:#2A2B35  
}
```

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 #2A2B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2B35
}
```

Border

The CSS property to change the border of an element to Hex 2A2B35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

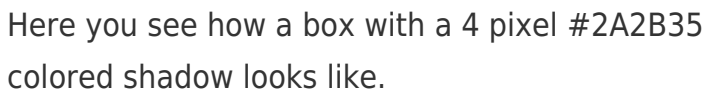
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2B35 }
```

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

```
.border{ border-color:#2A2B35 }
```

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



Here you see how a box with a 4 pixel #2A2B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2B35; -webkit-box-shadow:4px 4px  
4px 4px #2A2B35; box-shadow:4px 4px 4px  
4px #2A2B35 }
```

Background

The CSS property to change the background color of an element to Hex 2A2B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2B35 }
```

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

```
.background{ background-color:#2A2B35 }
```

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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