

Converting Colors

Hex(242B34)

Have a look what the booklet for
Hex(242B34) contains.

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Color

Hex(242B34)

Conversions

Conversions Part 1

Format	Color
Hex	242B34
RGB	36, 43, 52
RGB Percent	14%, 17%, 20%
CMY	0.8588, 0.8314, 0.7961
CMYK	0.31, 0.17, 0.00, 0.80
HSL	214°, 18%, 17%
HSV	214°, 31%, 20%
XYZ	2.2113, 2.3508, 3.5860
YIQ	41.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

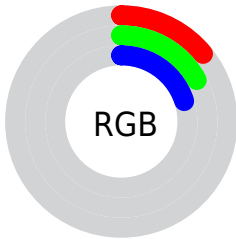
Format	Color
RYB	36, 41, 52
Decimal	2370356
CIELab	17.23, -0.49, -6.82
CIELCh	17, 6.833, 265.851
Yxy	2.3508, 0.2714, 0.2885
Android (android.graphics.Color)	4280560436 (0xFF242B34)
YUV	41.9330, 4.9630, -5.2032
Hunter-Lab	15.3322, -1.0873, -3.1347

Details

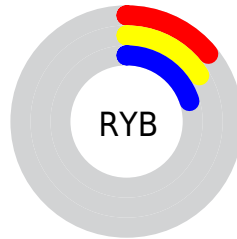
The Hex color **242B34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342D24**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **515862**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **1F2834**, and if you desaturate by 10%, it is **292E34**.

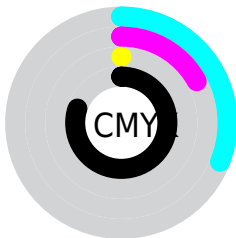
Distribution



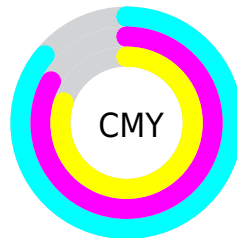
- Red (14%)
- Green (17%)
- Blue (20%)



- Red (14%)
- Yellow (16%)
- Blue (20%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (80%)



- Cyan (86%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242B34 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 242B34 by changing the saturation by 10% instead.

■ 242B34

■ 242B34

FFFFFF

■ 0F171F

■ 515862

■ 000005

■ 69717B

■ 000000

■ 828A95

■ 9CA4B0

■ B7C0CB

■ D3DBE7

■ EFF8FF

■ 242B34

■ 242B34

■ 1F2834

■ 292E34

■ 1A2534

■ 2E3134

■ 142234

■ 343434

■ 0F1F34

■ 393734

■ 0A1C34

■ 3E3A34

■ 051934

■ 433D34

■ 001734

■ 483F34

■ 4E4234

■ 534534

Harmonies

Analogous

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



1F2C32



242B34



2A2933

Triad

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



242B34



352726



242D25

Complementary

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



242B34



342D24

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.



2A2B22



242B34



332822

Square

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



242B34



34272B



2F2A21



1F2D29

Rectangle

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



242B34



2E2831



2F2A21



262C23

Sweetspot

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



242B34



3F4145



24342D



202124



A3A3A3



242424

Same Dimension

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



242B34



2B3745



252434



17181A



002759



005FD9

Inverse Universe

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



34242B



452B37



333424



1A1718



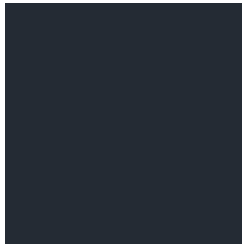
590027



D9005F

Previews

White Background



This preview shows how the Hex color 242B34 looks on a white background.

Color Contrast Check

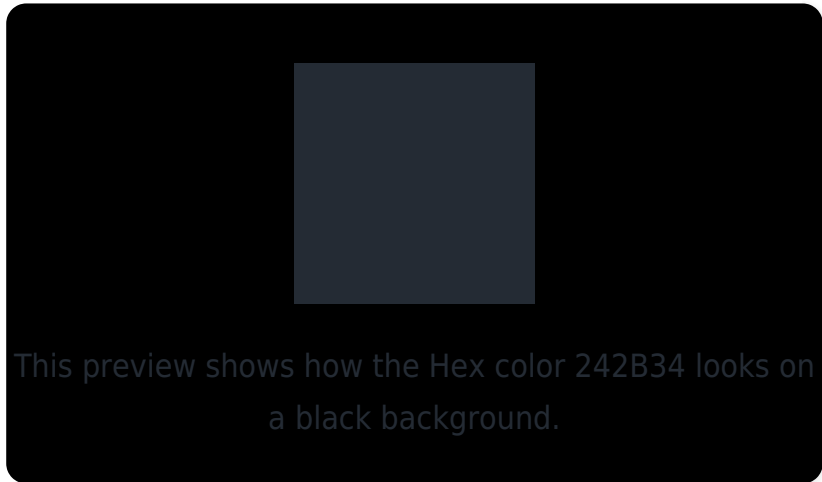
Large Text (above 18pt) WCAG AA ✓ Pass

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

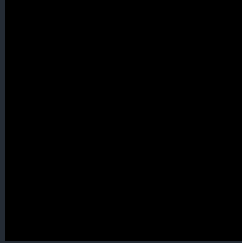
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

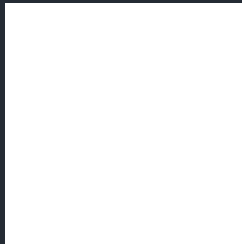
Any Text WCAG AAA × Fail

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

Hex 242B34 Background



This preview shows how black text looks on a background with the Hex color 242B34.

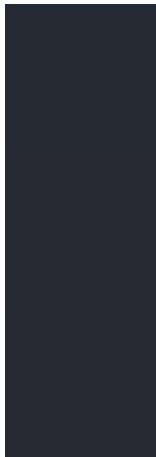


This preview shows how white text looks on a background with the Hex color 242B34.

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
242B34

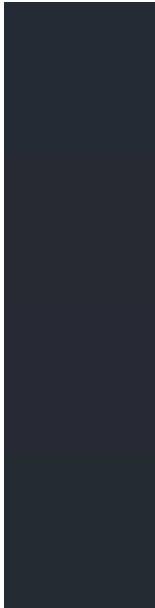
Protanopia
282A33

Deuteranopia
292934



Tritanopia
232C2F

Trichromacy



Original Color
242B34

Protanomaly
272A33

Deuteranomaly
272A34

Tritanomaly
232C31

Monochromacy



Original Color
242B34

Achromatopsia
2A2A2A

Achromatomaly
282A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 242B34 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 #242B34 looks like.

```
.text, #text, p{  
    color:#242B34  
}
```

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 #242B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242B34
}
```

Border

The CSS property to change the border of an element to Hex 242B34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

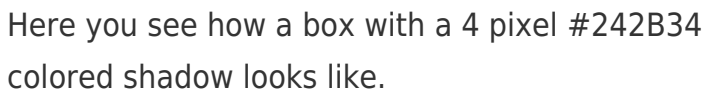
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242B34 }
```

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

```
.border{ border-color:#242B34 }
```

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



Here you see how a box with a 4 pixel #242B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242B34; -webkit-box-shadow:4px 4px  
4px 4px #242B34; box-shadow:4px 4px 4px  
4px #242B34 }
```

Background

The CSS property to change the background color of an element to Hex 242B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242B34 }
```

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

```
.background{ background-color:#242B34 }
```

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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