

Converting Colors

Hex(242A3D)

Have a look what the booklet for
Hex(242A3D) contains.

Hex(242A3D)	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(242A3D)

Conversions

Conversions Part 1

Format	Color
Hex	242A3D
RGB	36, 42, 61
RGB Percent	14%, 16%, 24%
CMY	0.8588, 0.8353, 0.7608
CMYK	0.41, 0.31, 0.00, 0.76
HSL	226°, 26%, 19%
HSV	226°, 41%, 24%
XYZ	2.3978, 2.3679, 4.7456
YIQ	42.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

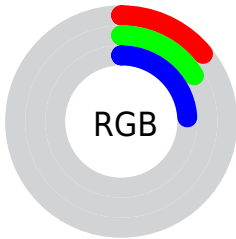
Format	Color
R_{YB}	36, 41, 61
Decimal	2370109
CIE Lab	17.31, 3.06, -12.95
CIE LCh	17, 13.309, 283.310
Yxy	2.3679, 0.2521, 0.2490
Android (android.graphics.Color)	4280560189 (0xFF242A3D)
YUV	42.3720, 9.1836, -5.5882
Hunter-Lab	15.3880, 0.8855, -7.5129

Details

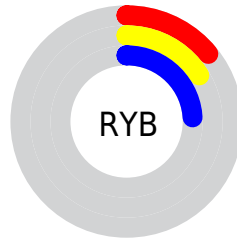
The Hex color **242A3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3724**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **52576D**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **1E253D**, and if you desaturate by 10%, it is **2A2F3D**.

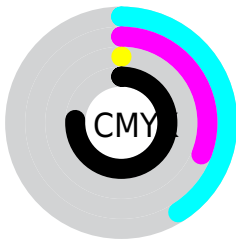
Distribution



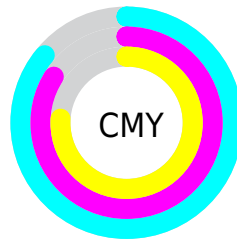
- Red (14%)
- Green (16%)
- Blue (24%)



- Red (14%)
- Yellow (16%)
- Blue (24%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (76%)



- Cyan (86%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242A3D 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 242A3D by changing the saturation by 10% instead.

■ 242A3D

■ 242A3D

FFFFFF

■ 0F1627

■ 52576D

■ 000112

■ 6A6F86

■ 000000

■ 8389A0

■ 9EA3BB

■ B9BED7

■ D4DAF3

■ F1F6FF

■ 242A3D

■ 242A3D

■ 1E253D

■ 2A2F3D

■ 18213D

■ 30333D

■ 121C3D

■ 36383D

■ 0C173D

■ 3C3D3D

■ 06133D

■ 43413D

■ 000F3D

■ 49463D

■ 4F4A3D

■ 554F3D

■ 5B543D

Harmonies

Analogous

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



152D3D



242A3D



312738

Triad

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



242A3D



3C251E



172F25

Complementary

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



242A3D



3D3724

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.



222E1C



242A3D



362818

Square

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



242A3D



3D2327



2D2B18



0B302F

Rectangle

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



242A3D



382533



2D2B18



1A2F22

Sweetspot

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



242A3D



46484F



243D37



232429



A8A8A8



292929

Same Dimension

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



242A3D



28324F



2A243D



1C1C1F



00175E



0035DE

Inverse Universe

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



3D242A



4F2832



373D24



1F1C1C



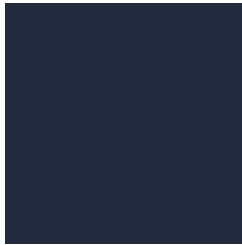
5E0017



DE0035

Previews

White Background



This preview shows how the Hex color 242A3D looks on a white background.

Color Contrast Check

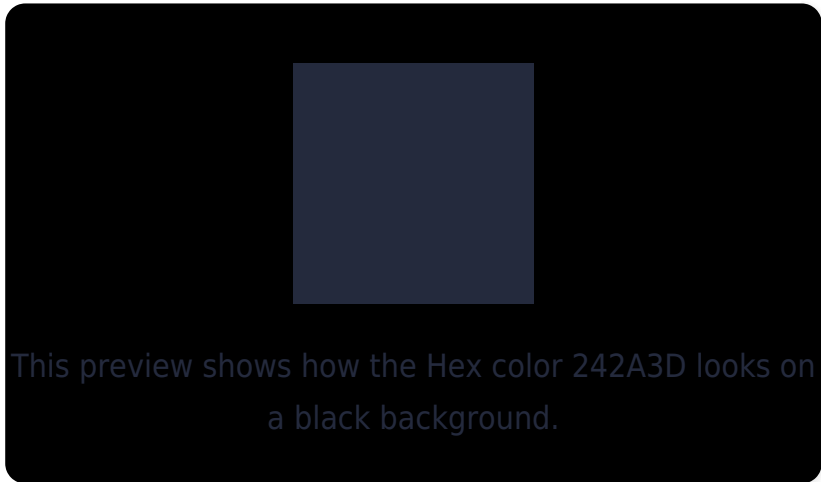
Large Text (above 18pt) WCAG AA ✓ Pass

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

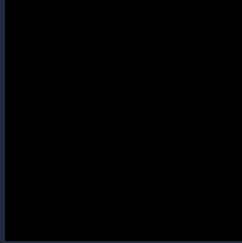
Any Text WCAG AA × Fail

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 242A3D Background



This preview shows how black text looks on a background with the Hex color 242A3D.



This preview shows how white text looks on a background with the Hex color 242A3D.

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
242A3D

Protanopia
242A3D

Deuteranopia
232A3D



Tritanopia
212D30

Trichromacy



Original Color
242A3D

Protanomaly
242A3D

Deuteranomaly
232A3D

Tritanomaly
222C35

Monochromacy



Original Color
242A3D

Achromatopsia
2A2A2A

Achromatomaly
282A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 242A3D 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 #242A3D looks like.

```
.text, #text, p{  
    color:#242A3D  
}
```

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 #242A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242A3D
}
```

Border

The CSS property to change the border of an element to Hex 242A3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

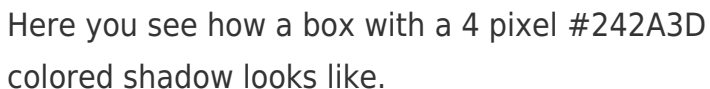
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242A3D }
```

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

```
.border{ border-color:#242A3D }
```

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



Here you see how a box with a 4 pixel #242A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242A3D; -webkit-box-shadow:4px 4px  
4px 4px #242A3D; box-shadow:4px 4px 4px  
4px #242A3D }
```

Background

The CSS property to change the background color of an element to Hex 242A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242A3D }
```

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

```
.background{ background-color:#242A3D }
```

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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