

Converting Colors

Hex(242343)

Have a look what the booklet for
Hex(242343) contains.

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Color

Hex(242343)

Conversions

Conversions Part 1

Format	Color
Hex	242343
RGB	36, 35, 67
RGB Percent	14%, 14%, 26%
CMY	0.8588, 0.8627, 0.7373
CMYK	0.46, 0.48, 0.00, 0.74
HSL	242°, 31%, 20%
HSV	242°, 48%, 26%
XYZ	2.3417, 1.9824, 5.5694
YIQ	38.9470, -9.6760, 10.1640

Conversions

Conversions Part 2

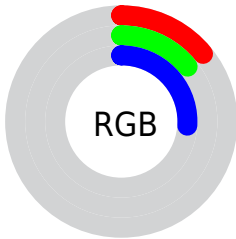
Format	Color
RYB	36, 35, 67
Decimal	2368323
CIELab	15.39, 10.17, -20.11
CIELCh	15, 22.538, 296.822
Yxy	1.9824, 0.2367, 0.2004
Android (android.graphics.Color)	4280558403 (0xFF242343)
YUV	38.9470, 13.8301, -2.5845
Hunter-Lab	14.0797, 5.0483, -13.5971

Details

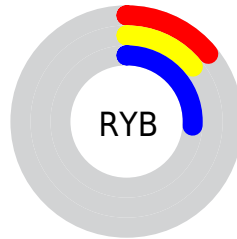
The Hex color **242343** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **424323**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **534F73**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **1E1C43**, and if you desaturate by 10%, it is **2A2A43**.

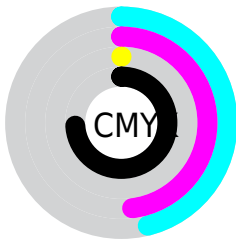
Distribution



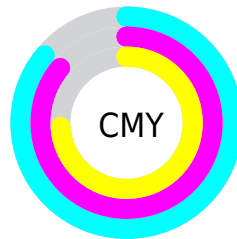
- Red (14%)
- Green (14%)
- Blue (26%)



- Red (14%)
- Yellow (14%)
- Blue (26%)



- Cyan (46%)
- Magenta (48%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (86%)
- Yellow (74%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242343 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 242343 by changing the saturation by 10% instead.

■ 242343

■ 242343

FFFFFF

■ 0F0E2D

■ 534F73

■ 000118

■ 6B678D

■ 000000

■ 8580A7

■ 9F9AC3

■ BAB5DF

■ D6D1FB

■ F3EDFF

■ 242343

■ 242343

■ 1E1C43

■ 2A2A43

■ 171643

■ 313043

■ 110F43

■ 373743

■ 0A0843

■ 3E3E43

■ 040243

■ 444543

■ 020043

■ 4B4B43

■ 515243

■ 585943

■ 5E5F43

Harmonies

Analogous

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



002946



242343



381C38

Triad

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



242343



3D1F0A



002E24

Complementary

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



242343



424323

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.



0B2D14



242343



312500

Square

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



242343



431919



212A05



002E34

Rectangle

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



242343



40192E



212A05



002E1F

Sweetspot

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



242343



4B4B57



234243



24242B



ABABAB



2B2B2B

Same Dimension

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



242343



272557



342343



1E1E21



030061



0700E0

Inverse Universe

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



432342



572555



324323



211E21



61005E



E000D9

Previews

White Background



This preview shows how the Hex color 242343 looks on a white background.

Color Contrast Check

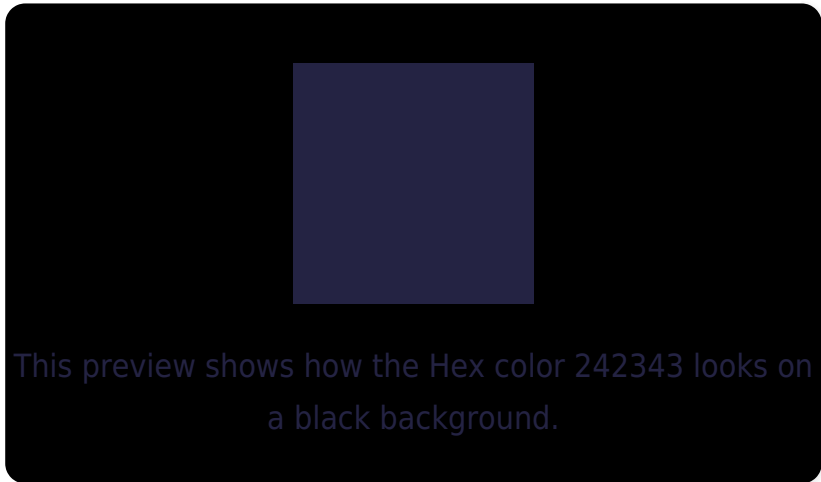
Large Text (above 18pt) WCAG AA ✓ Pass

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

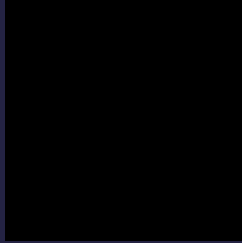
Any Text WCAG AA × Fail

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 242343 Background



This preview shows how black text looks on a background with the Hex color 242343.



This preview shows how white text looks on a background with the Hex color 242343.

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
242343

Protanopia
172646

Deuteranopia
122742



Tritanopia
1E282C

Trichromacy



Original Color

242343

Protanomaly

1C2545

Deuteranomaly

192642

Tritanomaly

202634

Monochromacy



Original Color

242343

Achromatopsia

272727

Achromatomaly

262631

CSS Examples

Text

The CSS property to change the color of the text to Hex 242343 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 #242343 looks like.

```
.text, #text, p{  
    color:#242343  
}
```

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 #242343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242343
}
```

Border

The CSS property to change the border of an element to Hex 242343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

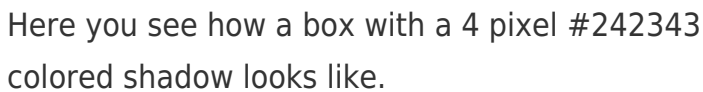
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242343 }
```

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

```
.border{ border-color:#242343 }
```

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



Here you see how a box with a 4 pixel #242343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242343; -webkit-box-shadow:4px 4px  
4px 4px #242343; box-shadow:4px 4px 4px  
4px #242343 }
```

Background

The CSS property to change the background color of an element to Hex 242343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242343 }
```

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

```
.background{ background-color:#242343 }
```

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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