

Converting Colors

Hex(242E45)

Have a look what the booklet for
Hex(242E45) contains.

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Color

Hex(242E45)

Conversions

Conversions Part 1

Format	Color
Hex	242E45
RGB	36, 46, 69
RGB Percent	14%, 18%, 27%
CMY	0.8588, 0.8196, 0.7294
CMYK	0.48, 0.33, 0.00, 0.73
HSL	222°, 31%, 21%
HSV	222°, 48%, 27%
XYZ	2.7787, 2.7587, 6.0163
YIQ	45.6320, -13.3430, 5.0330

Conversions

Conversions Part 2

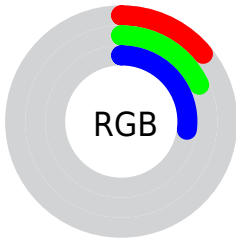
Format	Color
R_YB	36, 44, 69
Decimal	2371141
CIE Lab	19.05, 2.95, -15.74
CIE LCh	19, 16.018, 280.614
Yxy	2.7587, 0.2405, 0.2388
Android (android.graphics.Color)	4280561221 (0xFF242E45)
YUV	45.6320, 11.5204, -8.4473
Hunter-Lab	16.6094, 0.7962, -9.8494

Details

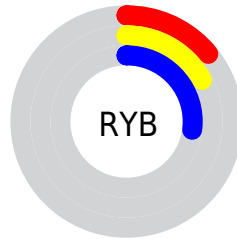
The Hex color **242E45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453B24**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **525C75**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **1D2945**, and if you desaturate by 10%, it is **2B3345**.

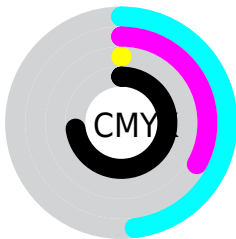
Distribution



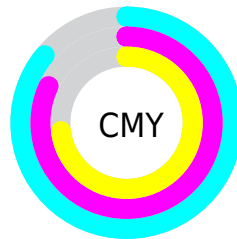
- Red (14%)
- Green (18%)
- Blue (27%)



- Red (14%)
- Yellow (17%)
- Blue (27%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (73%)



- Cyan (86%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242E45 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 242E45 by changing the saturation by 10% instead.

■ 242E45

■ 242E45

FFFFFF

■ 0E192F

■ 525C75

■ 00011A

■ 6B748F

■ 000000

■ 858EA9

■ 9FA8C5

■ BAC3E1

■ D6DFFD

■ F3FCFF

■ 242E45

■ 242E45

■ 1D2945

■ 2B3345

■ 162445

■ 323845

■ 0F2045

■ 393C45

■ 081B45

■ 404145

■ 021645

■ 474645

■ 001545

■ 4D4B45

■ 545045

■ 5B5445

■ 625945

Harmonies

Analogous

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



0F3244



242E45



352A40

Triad

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



242E45



432720



163426

Complementary

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



242E45



453B24

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.



25321C



242E45



3C2B18

Square

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



242E45



45252B



322F17



053432

Rectangle

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



242E45



3D273A



322F17



1B3322

Sweetspot

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



242E45



4D5159



24453B



26282E



ADADAD



2E2E2E

Same Dimension

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



242E45



263659



2A2445



202124



001E63



0045E3

Inverse Universe

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



45242E



592636



3F4524



242021



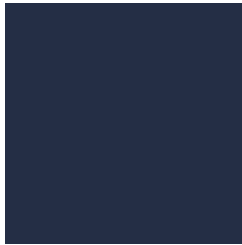
63001E



E30045

Previews

White Background



This preview shows how the Hex color 242E45 looks on a white background.

Color Contrast Check

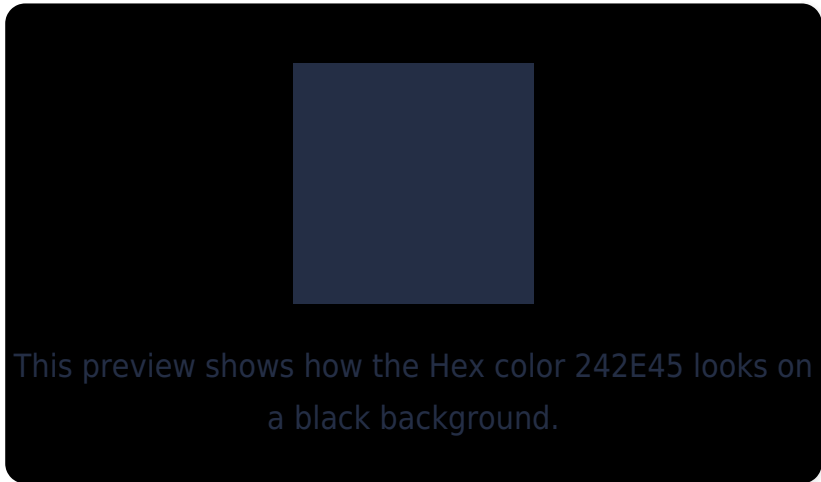
Large Text (above 18pt) WCAG AA ✓ Pass

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

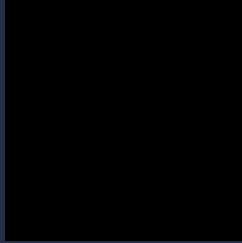
Any Text WCAG AA × Fail

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 242E45 Background



This preview shows how black text looks on a background with the Hex color 242E45.



This preview shows how white text looks on a background with the Hex color 242E45.

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

242E45

Protanopia

262D45

Deuteranopia

242E45



Tritanopia
1F3135

Trichromacy



Original Color

242E45

Protanomaly

252D45

Deuteranomaly

242E45

Tritanomaly

21303B

Monochromacy



Original Color

242E45

Achromatopsia

2E2E2E

Achromatomaly

2A2E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 242E45 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 #242E45 looks like.

```
.text, #text, p{  
    color:#242E45  
}
```

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 #242E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242E45  
}
```

Border

The CSS property to change the border of an element to Hex 242E45 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  
#242E45 }
```

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

```
.border{ border-color:#242E45 }
```

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

Here you see how a box with a 4 pixel #242E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242E45; -webkit-box-shadow:4px 4px  
4px 4px #242E45; box-shadow:4px 4px 4px  
4px #242E45 }
```

Background

The CSS property to change the background color of an element to Hex 242E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242E45 }
```

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

```
.background{ background-color:#242E45 }
```

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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