

Converting Colors

Hex(242E31)

Have a look what the booklet for
Hex(242E31) contains.

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Color

Hex(242E31)

Conversions

Conversions Part 1

Format	Color
Hex	242E31
RGB	36, 46, 49
RGB Percent	14%, 18%, 19%
CMY	0.8588, 0.8196, 0.8078
CMYK	0.27, 0.06, 0.00, 0.81
HSL	194°, 15%, 17%
HSV	194°, 27%, 19%
XYZ	2.2589, 2.5508, 3.2790
YIQ	43.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

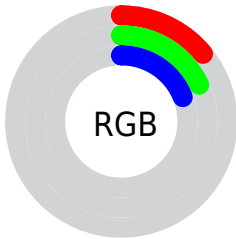
Format	Color
RYB	36, 42, 49
Decimal	2371121
CIELab	18.15, -3.43, -3.35
CIELCh	18, 4.794, 224.332
Yxy	2.5508, 0.2793, 0.3154
Android (android.graphics.Color)	4280561201 (0xFF242E31)
YUV	43.3520, 2.7845, -6.4477
Hunter-Lab	15.9713, -2.7032, -0.9928

Details

The Hex color **242E31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312724**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **515C5F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F2D31**, and if you desaturate by 10%, it is **292F31**.

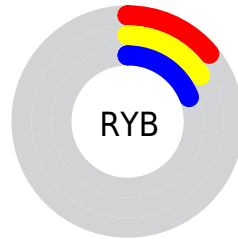
Distribution



Red (14%)

Green (18%)

Blue (19%)



Red (14%)

Yellow (16%)

Blue (19%)

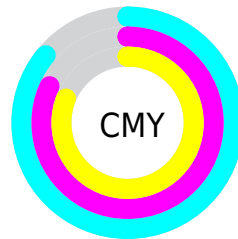


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (81%)



Cyan (86%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242E31 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 242E31 by changing the saturation by 10% instead.

■ 242E31

■ 242E31

FFFFFF

■ 10191C

■ 515C5F

■ 000000

■ 697478

■ 828E91

■ 9CA8AC

■ B7C3C7

■ D3DFE3

■ EFFCFF

■ 242E31

■ 242E31

■ 1F2D31

■ 292F31

■ 1A2C31

■ 2E3031

■ 152B31

■ 333131

■ 102931

■ 383331

■ 0B2831

■ 3D3431

■ 072731

■ 413531

■ 022631

■ 463631

■ 002631

■ 4B3731

■ 503831

Harmonies

Analogous

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



242E2E



242E31



272D33

Triad

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



242E31



322A2E



2D2D26

Complementary

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



242E31



312724

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.



312B26



242E31



342A2B

Square

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



242E31



2F2B31



332A28



292E27

Rectangle

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



242E31



292C33



332A28



2F2C25

Sweetspot

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



242E31



3B3F40



243127



1E2021



A1A1A1



212121

Same Dimension

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



242E31



2B3B40



242831



17191A



004559



00A7D9

Inverse Universe

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



31242E



402B3B



312D24



1A1719



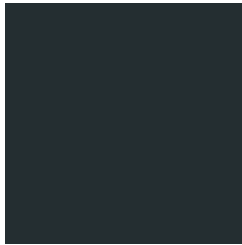
590045



D900A7

Previews

White Background



This preview shows how the Hex color 242E31 looks on a white background.

Color Contrast Check

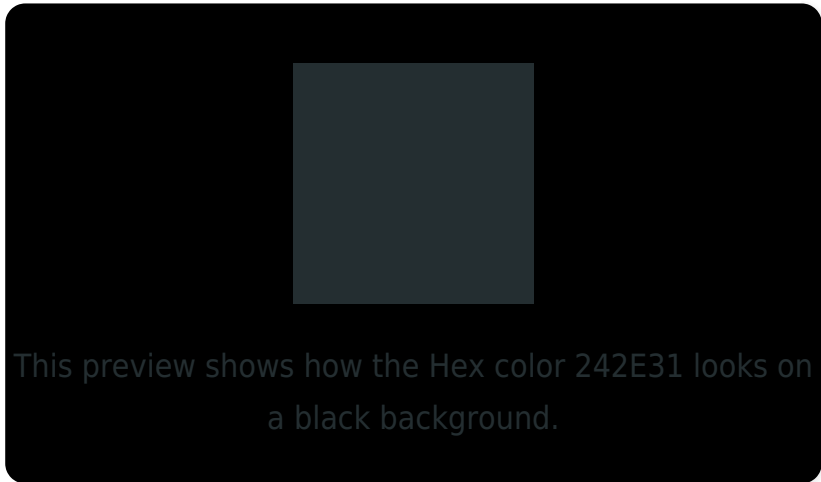
Large Text (above 18pt) WCAG AA ✓ Pass

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

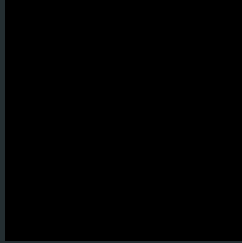
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

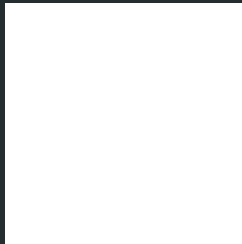
Any Text WCAG AAA × Fail

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

Hex 242E31 Background



This preview shows how black text looks on a background with the Hex color 242E31.



This preview shows how white text looks on a background with the Hex color 242E31.

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
242E31

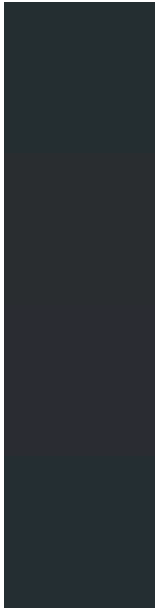
Protanopia
2C2C30

Deuteranopia
2E2B32



Tritanopia
242E32

Trichromacy



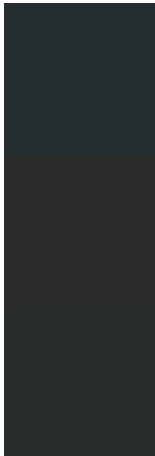
Original Color
242E31

Protanomaly
292D30

Deuteranomaly
2A2C32

Tritanomaly
242E32

Monochromacy



Original Color
242E31

Achromatopsia
2B2B2B

Achromatomaly
282C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 242E31 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 #242E31 looks like.

```
.text, #text, p{  
    color:#242E31  
}
```

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 #242E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242E31
}
```

Border

The CSS property to change the border of an element to Hex 242E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

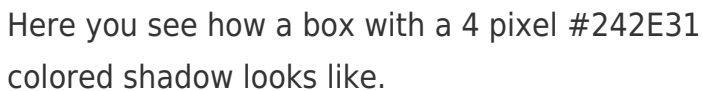
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242E31 }
```

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

```
.border{ border-color:#242E31 }
```

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



Here you see how a box with a 4 pixel #242E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242E31; -webkit-box-shadow:4px 4px  
4px 4px #242E31; box-shadow:4px 4px 4px  
4px #242E31 }
```

Background

The CSS property to change the background color of an element to Hex 242E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242E31 }
```

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

```
.background{ background-color:#242E31 }
```

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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