

Converting Colors

Hex(241930)

Have a look what the booklet for
Hex(241930) contains.

Hex(241930)	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(241930)

Conversions

Conversions Part 1

Format	Color
Hex	241930
RGB	36, 25, 48
RGB Percent	14%, 10%, 19%
CMY	0.8588, 0.9020, 0.8118
CMYK	0.25, 0.48, 0.00, 0.81
HSL	269°, 32%, 14%
HSV	269°, 48%, 19%
XYZ	1.6087, 1.2837, 2.9593
YIQ	30.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

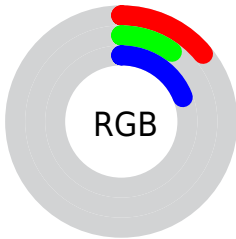
Format	Color
R_{YB}	36, 25, 48
Decimal	2365744
CIE Lab	11.16, 11.30, -13.30
CIE LCh	11, 17.455, 310.349
Yxy	1.2837, 0.2749, 0.2194
Android (android.graphics.Color)	4280555824 (0xFF241930)
YUV	30.9110, 8.4249, 4.4631
Hunter-Lab	11.3302, 5.5160, -7.5547

Details

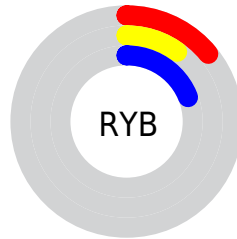
The Hex color **241930** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **253019**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **51445E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211430**, and if you desaturate by 10%, it is **271E30**.

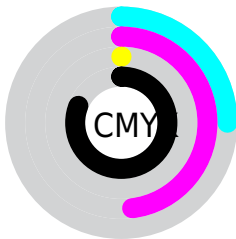
Distribution



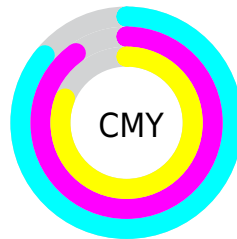
- Red (14%)
- Green (10%)
- Blue (19%)



- Red (14%)
- Yellow (10%)
- Blue (19%)



- Cyan (25%)
- Magenta (48%)
- Yellow (0%)
- Black (81%)



- Cyan (86%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241930 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 241930 by changing the saturation by 10% instead.

■ 241930

■ 241930

■ FFFCFF

■ 11001C

■ 51445E

■ 000000

■ 6A5C77

■ 837491

■ 9D8EAB

■ B8A8C6

■ D4C4E3

■ F0E0FF

■ 241930

■ 241930

■ 211430

■ 271E30

■ 1F0F30

■ 292330

■ 1C0B30

■ 2C2730

■ 1A0630

■ 2E2C30

■ 170130

■ 313130

■ 170030

■ 333630

■ 363B30

■ 383F30

■ 3B4430

Harmonies

Analogous

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



101E35



241930



2F1526

Triad

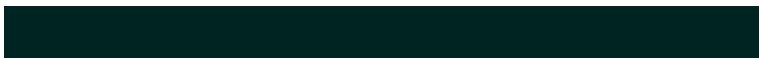
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241930



2C1A01



002422

Complementary

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



241930



253019

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.



022315



241930



221E00

Square

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



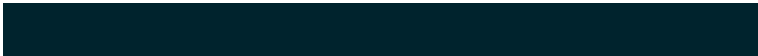
241930



32160D



152107



00232D

Rectangle

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



241930



33131E



152107



00241E

Sweetspot

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



241930



39353D



192530



1C191F



9E9E9E



1F1F1F

Same Dimension

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



241930



2B1A3D



2F1930



161517



290057



6600D6

Inverse Universe

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



301925



3D1A2C



1A3019



171516



57002D



D60070

Previews

White Background



This preview shows how the Hex color 241930 looks on a white background.

Color Contrast Check

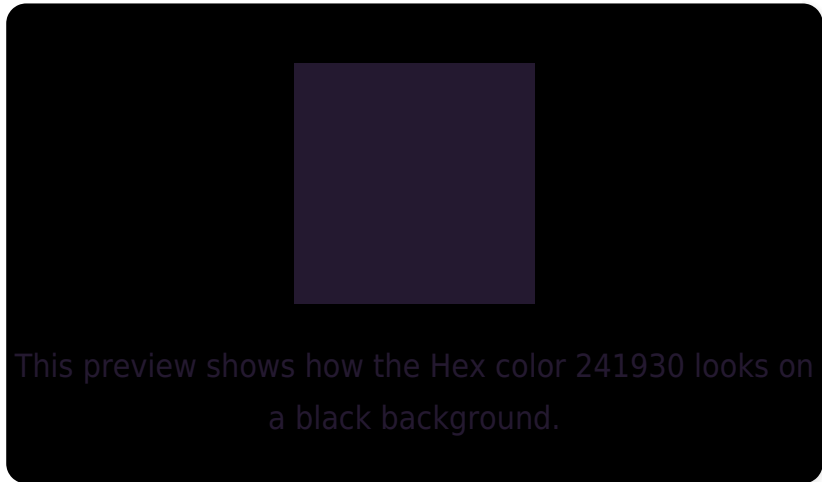
Large Text (above 18pt) WCAG AA ✓ Pass

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

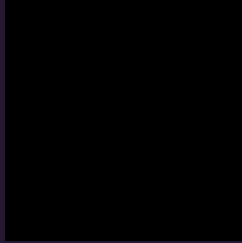
Any Text WCAG AA × Fail

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 241930 Background



This preview shows how black text looks on a background with the Hex color 241930.



This preview shows how white text looks on a background with the Hex color 241930.

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
241930

Protanopia
141D34

Deuteranopia
151E2F



Tritanopia
211D1F

Trichromacy



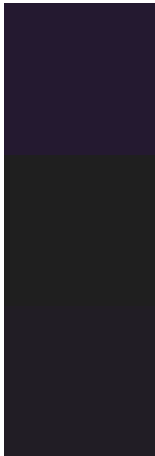
Original Color
241930

Protanomaly
1A1C33

Deuteranomaly
1A1C2F

Tritanomaly
221C25

Monochromacy



Original Color
241930

Achromatopsia
1F1F1F

Achromatomaly
211D25

CSS Examples

Text

The CSS property to change the color of the text to Hex 241930 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 #241930 looks like.

```
.text, #text, p{  
    color:#241930  
}
```

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 #241930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241930
}
```

Border

The CSS property to change the border of an element to Hex 241930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

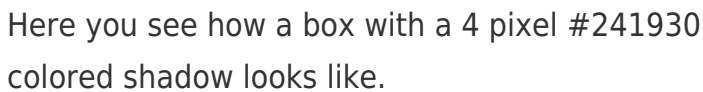
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241930 }
```

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

```
.border{ border-color:#241930 }
```

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



Here you see how a box with a 4 pixel #241930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241930; -webkit-box-shadow:4px 4px  
4px 4px #241930; box-shadow:4px 4px 4px  
4px #241930 }
```

Background

The CSS property to change the background color of an element to Hex 241930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241930 }
```

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

```
.background{ background-color:#241930 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor