

Converting Colors

Hex(241E00)

Have a look what the booklet for
Hex(241E00) contains.

Hex(241E00)	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(241E00)

Conversions

Conversions Part 1

Format	Color
Hex	241E00
RGB	36, 30, 0
RGB Percent	14%, 12%, 0%
CMY	0.8588, 0.8824, 1.0000
CMYK	0.00, 0.17, 1.00, 0.86
HSL	50°, 100%, 7%
HSV	50°, 100%, 14%
XYZ	1.1918, 1.3036, 0.1888
YIQ	28.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

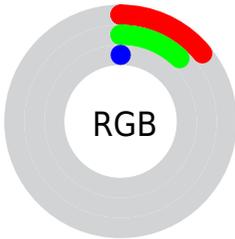
Format	Color
R_{YB}	7, 36, 0
Decimal	2366976
CIE Lab	11.30, -1.51, 16.78
CIE LCh	11, 16.852, 95.155
Yxy	1.3036, 0.4440, 0.4857
Android (android.graphics.Color)	4280557056 (0xFF241E00)
YUV	28.3740, -13.9884, 6.6880
Hunter-Lab	11.4176, -1.3480, 7.0119

Details

The Hex color **241E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000624**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **514A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241E00**, and if you desaturate by 10%, it is **241F04**.

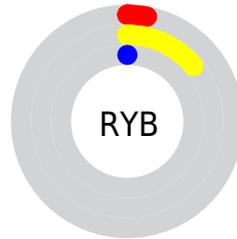
Distribution



Red (14%)

Green (12%)

Blue (0%)



Red (3%)

Yellow (14%)

Blue (0%)

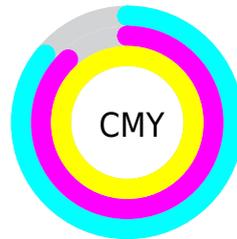


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241E00 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 241E00 by changing the saturation by 10% instead.

 241E00

 241E00

 FFFFE2

 030600

 514A2F

 000000

 696146

 837A5E

 9D9476

 B8AE90

 D4CAAB

 F0E6C6

 241E00

■ 241F04

■ 241F07

■ 24200B

■ 24200E

■ 242112

■ 242216

■ 242219

■ 24231D

■ 242320

Harmonies

Analogous

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



2D1A04



241E00



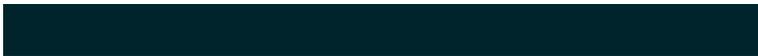
182107

Triad

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



241E00



00242B



2E1628

Complementary

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



241E00



000624

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.



211A31



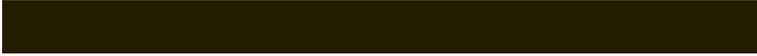
241E00



002233

Square

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



241E00



002420



0D1F35



33141D

Rectangle

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



241E00



0D2310



0D1F35



2A172B

Sweetspot

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



241E00



2E2C20



240006



17160F



969696



171717

Same Dimension

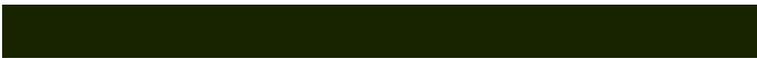
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241E00



2E2600



182400



121210



524400



D1AE00

Inverse Universe

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



000624



00082E



0C0024



101012



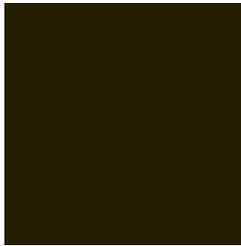
000E52



0023D1

Previews

White Background



This preview shows how the Hex color 241E00 looks on a white background.

Color Contrast Check

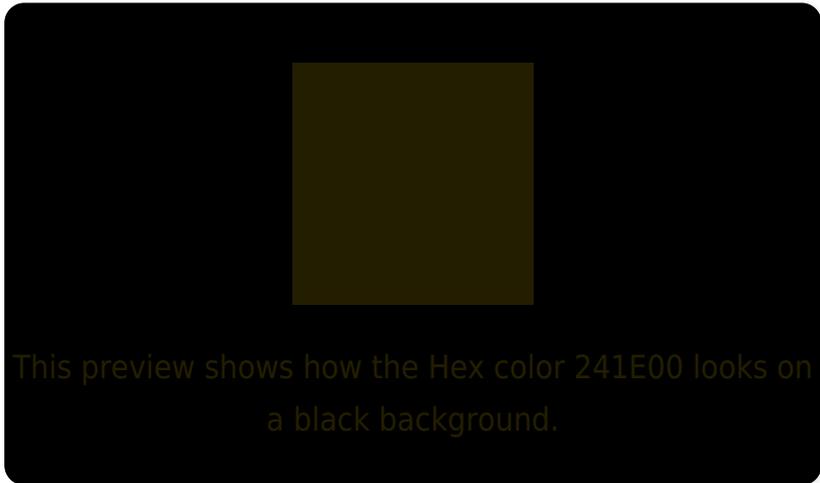
Large Text (above 18pt) WCAG AA ✓ Pass

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

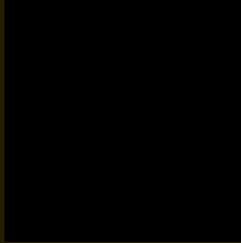
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

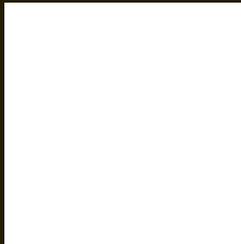
Any Text WCAG AAA × Fail

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

Hex 241E00 Background



This preview shows how black text looks on a background with the Hex color 241E00.



This preview shows how white text looks on a background with the Hex color 241E00.

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

241E00

Protanopia

221F01

Deuteranopia

271D03



Tritanopia
261C1E

Trichromacy



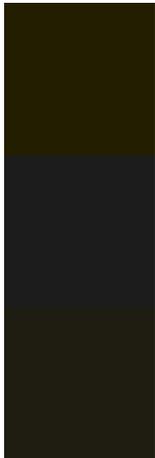
Original Color
241E00

Protanomaly
231F01

Deuteranomaly
261D02

Tritanomaly
251D13

Monochromacy



Original Color
241E00

Achromatopsia
1C1C1C

Achromatomaly
1F1D12

CSS Examples

Text

The CSS property to change the color of the text to Hex 241E00 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 #241E00 looks like.

```
.text, #text, p{  
    color:#241E00  
}
```

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 #241E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241E00
}
```

Border

The CSS property to change the border of an element to Hex 241E00 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
#241E00 }
```

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

```
.border{ border-color:#241E00 }
```

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

Here you see how a box with a 4 pixel #241E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241E00; -webkit-box-shadow:4px 4px  
4px 4px #241E00; box-shadow:4px 4px 4px  
4px #241E00 }
```

Background

The CSS property to change the background color of an element to Hex 241E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241E00 }
```

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

```
.background{ background-color:#241E00 }
```

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