

Converting Colors

Hex(241D0F)

Have a look what the booklet for
Hex(241D0F) contains.

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Color

Hex(241D0F)

Conversions

Conversions Part 1

Format	Color
Hex	241D0F
RGB	36, 29, 15
RGB Percent	14%, 11%, 6%
CMY	0.8588, 0.8863, 0.9412
CMYK	0.00, 0.19, 0.58, 0.86
HSL	40°, 41%, 10%
HSV	40°, 58%, 14%
XYZ	1.2531, 1.2883, 0.6346
YIQ	29.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

Format	Color
RYB	26, 36, 15
Decimal	2366735
CIELab	11.19, 0.91, 10.22
CIELCh	11, 10.263, 84.926
Yxy	1.2883, 0.3946, 0.4056
Android (android.graphics.Color)	4280556815 (0xFF241D0F)
YUV	29.4970, -7.1470, 5.7031
Hunter-Lab	11.3503, -0.1554, 4.6305

Details

The Hex color **241D0F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0F1624**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **51483A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241C0B**, and if you desaturate by 10%, it is **241E13**.

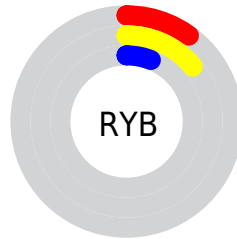
Distribution



Red (14%)

Green (11%)

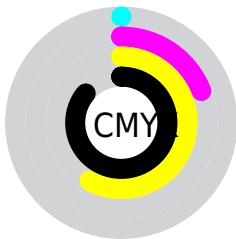
Blue (6%)



Red (10%)

Yellow (14%)

Blue (6%)

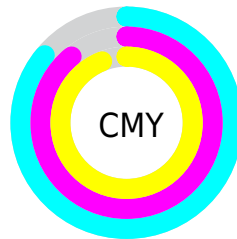


Cyan (0%)

Magenta (19%)

Yellow (58%)

Black (86%)



Cyan (86%)

Magenta (89%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241D0F 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 241D0F by changing the saturation by 10% instead.

■ 241D0F

■ 241D0F

■ FFFFEF

■ 090300

■ 51483A

■ 000000

■ 696051

■ 837969

■ 9D9382

■ B8AD9C

■ D4C8B7

■ F0E4D2

■ 241D0F

■ 241D0F

■ 241C0B

■ 241E13

■ 241B08

■ 241F16

■ 241904

■ 24211A

■ 241801

■ 24221D

■ 241800

■ 242321

■ 242425

■ 242528

■ 24272C

■ 24282F

Harmonies

Analogous

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



291B12



241D0F



1D1F10

Triad

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



241D0F



072224



261A26

Complementary

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



241D0F



0F1624

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.



1D1C2B



241D0F



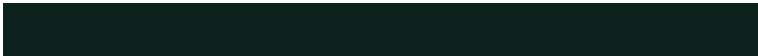
092129

Square

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



241D0F



0C221C



131F2C



2B191F

Rectangle

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



241D0F



172014



131F2C



231B28

Sweetspot

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



241D0F



2E2B26



240F16



171512



969696



171717

Same Dimension

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



241D0F



2E230E



21240F



121110



523600



D18B00

Inverse Universe

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



0F1624



0E182E



120F24



101112



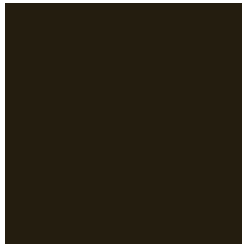
001B52



0046D1

Previews

White Background



This preview shows how the Hex color 241D0F looks on a white background.

Color Contrast Check

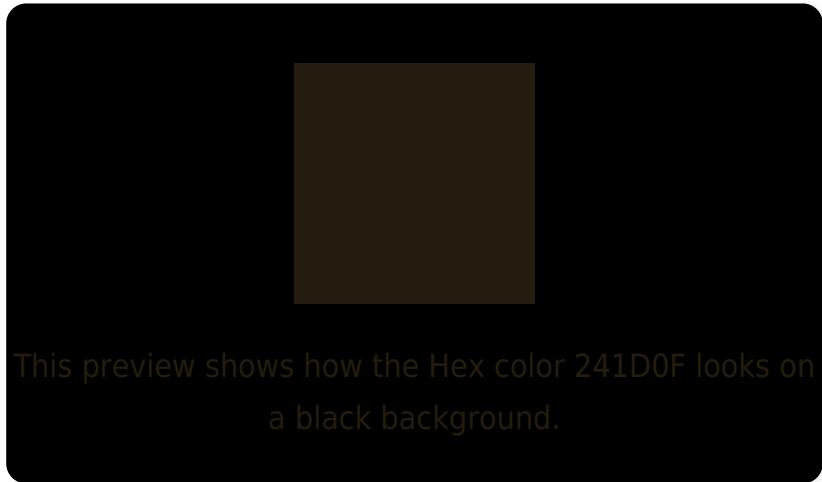
Large Text (above 18pt) WCAG AA ✓ Pass

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

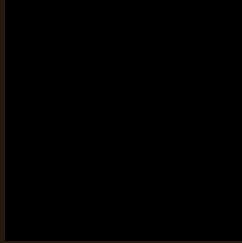
Any Text WCAG AA × Fail

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 241D0F Background



This preview shows how black text looks on a background with the Hex color 241D0F.

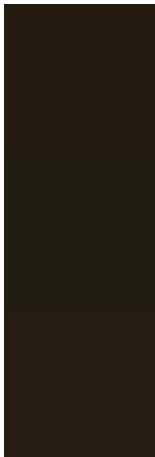


This preview shows how white text looks on a background with the Hex color 241D0F.

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
241D0F

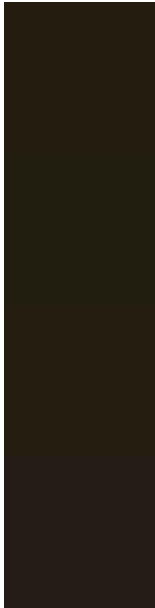
Protanopia
211E0F

Deuteranopia
251D0F



Tritanopia
251B1D

Trichromacy



Original Color
241D0F

Protanomaly
221E0F

Deuteranomaly
251D0F

Tritanomaly
251C18

Monochromacy



Original Color
241D0F

Achromatopsia
1D1D1D

Achromatomaly
201D18

CSS Examples

Text

The CSS property to change the color of the text to Hex 241D0F 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 #241D0F looks like.

```
.text, #text, p{  
    color:#241D0F  
}
```

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 #241D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241D0F
}
```

Border

The CSS property to change the border of an element to Hex 241D0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

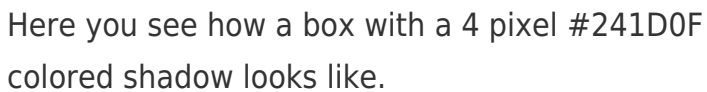
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241D0F }
```

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

```
.border{ border-color:#241D0F }
```

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



Here you see how a box with a 4 pixel #241D0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241D0F; -webkit-box-shadow:4px 4px  
4px 4px #241D0F; box-shadow:4px 4px 4px  
4px #241D0F }
```

Background

The CSS property to change the background color of an element to Hex 241D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241D0F }
```

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

```
.background{ background-color:#241D0F }
```

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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