

Converting Colors

Hex(241217)

Have a look what the booklet for
Hex(241217) contains.

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Color

Hex(241217)

Conversions

Conversions Part 1

Format	Color
Hex	241217
RGB	36, 18, 23
RGB Percent	14%, 7%, 9%
CMY	0.8588, 0.9294, 0.9098
CMYK	0.00, 0.50, 0.36, 0.86
HSL	343°, 33%, 11%
HSV	343°, 50%, 14%
XYZ	1.0985, 0.8695, 0.9206
YIQ	23.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

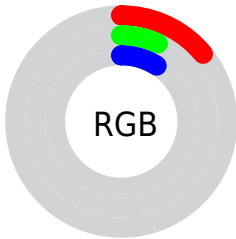
Format	Color
R_{YB}	36, 18, 23
Decimal	2363927
CIE Lab	7.85, 10.23, 0.38
CIE LCh	8, 10.233, 2.101
Yxy	0.8695, 0.3803, 0.3010
Android (android.graphics.Color)	4280554007 (0xFF241217)
YUV	23.9520, -0.4693, 10.5661
Hunter-Lab	9.3249, 4.7094, 0.6744

Details

The Hex color **241217** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12241F**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **513C41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240E14**, and if you desaturate by 10%, it is **24161A**.

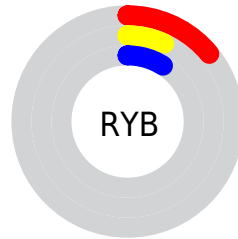
Distribution



Red (14%)

Green (7%)

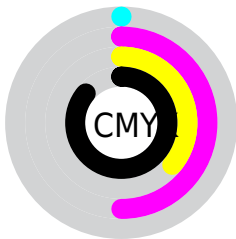
Blue (9%)



Red (14%)

Yellow (7%)

Blue (9%)

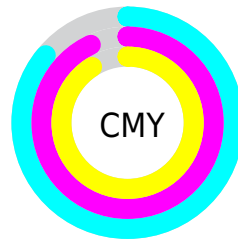


Cyan (0%)

Magenta (50%)

Yellow (36%)

Black (86%)



Cyan (86%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241217 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 241217 by changing the saturation by 10% instead.

 241217

 241217

 FFF2F8

 030000

 513C41

 000000

 6A5359

 836C71

 9D858B

 B89FA5

 D4BAC0

 F0D6DC

 241217

 241217

■ 240E14

■ 24161A

■ 240B12

■ 24191C

■ 24070F

■ 241D1F

■ 24040D

■ 242021

■ 24000A

■ 242424

■ 242827

■ 242B29

■ 242F2C

■ 24322E

Harmonies

Analogous

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



20131E



241217



24130F

Triad

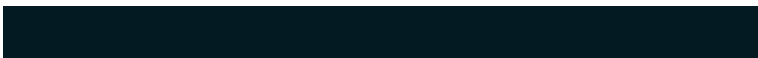
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241217



151907



031A23

Complementary

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



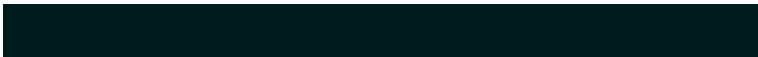
241217



12241F

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.



001B1E



241217



0B1B10

Square

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



241217



1D1704



021B17



0E1825

Rectangle

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



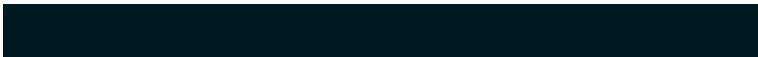
241217



231409



021B17



011A22

Sweetspot

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



241217



2E2729



1F1224



171314



969696



171717

Same Dimension

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



241217



2E121A



241612



121011



520017



D1003A

Inverse Universe

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



241217



2E121A



122024



121011



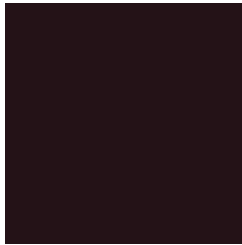
520017



D1003A

Previews

White Background



This preview shows how the Hex color 241217 looks on a white background.

Color Contrast Check

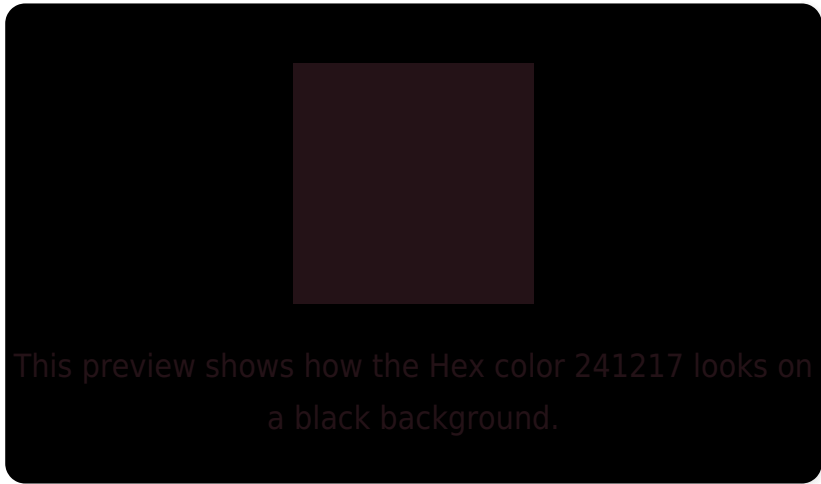
Large Text (above 18pt) WCAG AA ✓ Pass

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

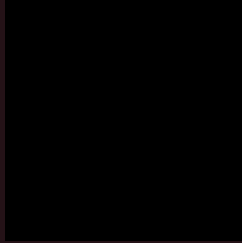
Any Text WCAG AA × Fail

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 241217 Background



This preview shows how black text looks on a background with the Hex color 241217.



This preview shows how white text looks on a background with the Hex color 241217.

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
241217

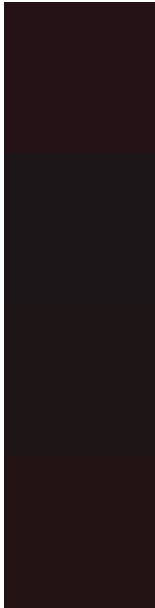
Protanopia
17181A

Deuteranopia
1B1716



Tritanopia
241314

Trichromacy



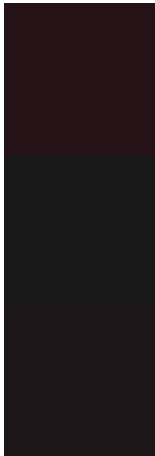
Original Color
241217

Protanomaly
1C1619

Deuteranomaly
1E1516

Tritanomaly
241315

Monochromacy



Original Color
241217

Achromatopsia
181818

Achromatomaly
1C1618

CSS Examples

Text

The CSS property to change the color of the text to Hex 241217 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 #241217 looks like.

```
.text, #text, p{  
    color:#241217  
}
```

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 #241217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241217
}
```

Border

The CSS property to change the border of an element to Hex 241217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

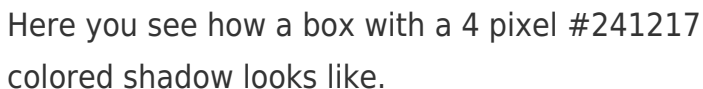
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241217 }
```

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

```
.border{ border-color:#241217 }
```

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



Here you see how a box with a 4 pixel #241217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241217; -webkit-box-shadow:4px 4px  
4px 4px #241217; box-shadow:4px 4px 4px  
4px #241217 }
```

Background

The CSS property to change the background color of an element to Hex 241217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241217 }
```

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

```
.background{ background-color:#241217 }
```

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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