

Converting Colors

Hex(241618)

Have a look what the booklet for
Hex(241618) contains.

Hex(241618)	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(241618)

Conversions

Conversions Part 1

Format	Color
Hex	241618
RGB	36, 22, 24
RGB Percent	14%, 9%, 9%
CMY	0.8588, 0.9137, 0.9059
CMYK	0.00, 0.39, 0.33, 0.86
HSL	351°, 24%, 11%
HSV	351°, 39%, 14%
XYZ	1.1793, 1.0148, 0.9979
YIQ	26.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

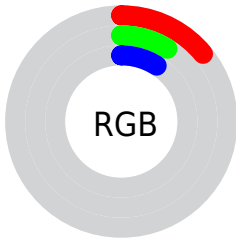
Format	Color
R_{YB}	36, 22, 24
Decimal	2364952
CIE Lab	9.11, 7.50, 1.45
CIE LCh	9, 7.640, 10.916
Yxy	1.0148, 0.3695, 0.3179
Android (android.graphics.Color)	4280555032 (0xFF241618)
YUV	26.4140, -1.1901, 8.4069
Hunter-Lab	10.0739, 3.2673, 1.1787

Details

The Hex color **241618** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162422**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **514143**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241215**, and if you desaturate by 10%, it is **241A1B**.

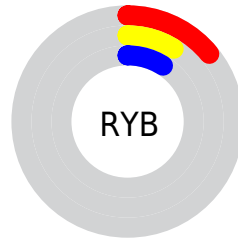
Distribution



Red (14%)

Green (9%)

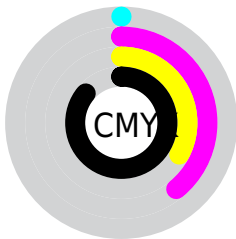
Blue (9%)



Red (14%)

Yellow (9%)

Blue (9%)

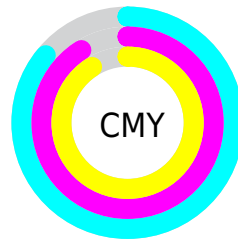


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (86%)



Cyan (86%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241618 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 241618 by changing the saturation by 10% instead.

■ 241618

■ 241618

■ FFF8FA

■ 0A0000

■ 514143

■ 000000

■ 69585A

■ 837072

■ 9D8A8C

■ B8A4A6

■ D3BFC1

■ F0DBDD

■ 241618

■ 241618

■ 241215

■ 241A1B

■ 240F12

■ 241D1E

■ 240B0F

■ 242121

■ 24080C

■ 242424

■ 240409

■ 242827

■ 240005

■ 242C2B

■ 242F2E

■ 243331

■ 243634

Harmonies

Analogous

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



22161D



241618



231713

Triad

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



241618



161B11



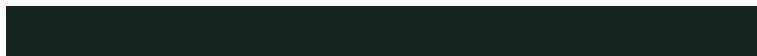
0F1B23

Complementary

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



241618



162422

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.



0B1C20



241618



101C16

Square

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



241618



1C1A0E



0B1D1B



161A24

Rectangle

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



241618



221810



0B1D1B



0D1C22

Sweetspot

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



241618



2E2829



221624



171414



969696



171717

Same Dimension

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



241618



2E181B



241B16



121010



52000C



D1001E

Inverse Universe

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



241618



2E181B



161F24



121010



52000C



D1001E

Previews

White Background



This preview shows how the Hex color 241618 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

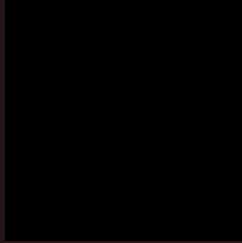
Any Text WCAG AA × Fail

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 241618 Background



This preview shows how black text looks on a background with the Hex color 241618.

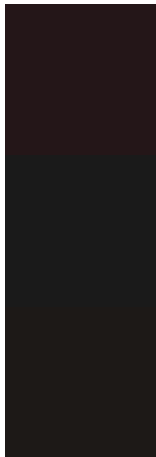


This preview shows how white text looks on a background with the Hex color 241618.

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
241618

Protanopia
1A1A1A

Deuteranopia
1D1917



Tritanopia
241618

Trichromacy



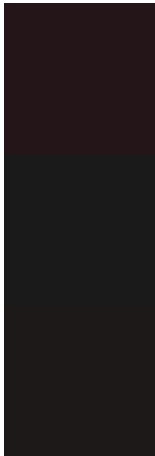
Original Color
241618

Protanomaly
1E1919

Deuteranomaly
201817

Tritanomaly
241618

Monochromacy



Original Color
241618

Achromatopsia
1A1A1A

Achromatomaly
1E1919

CSS Examples

Text

The CSS property to change the color of the text to Hex 241618 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 #241618 looks like.

```
.text, #text, p{  
    color:#241618  
}
```

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 #241618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241618
}
```

Border

The CSS property to change the border of an element to Hex 241618 is called "border". The border property can be set on classes, ids or directly on the HTML element.

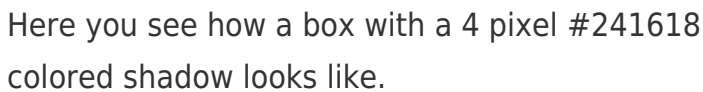
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241618 }
```

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

```
.border{ border-color:#241618 }
```

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



Here you see how a box with a 4 pixel #241618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241618; -webkit-box-shadow:4px 4px  
4px 4px #241618; box-shadow:4px 4px 4px  
4px #241618 }
```

Background

The CSS property to change the background color of an element to Hex 241618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241618 }
```

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

```
.background{ background-color:#241618 }
```

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