

# Converting Colors

Hex(241A25)

Have a look what the booklet for  
Hex(241A25) contains.

<b>Hex(241A25)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(241A25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	241A25
RGB	36, 26, 37
RGB Percent	14%, 10%, 15%
CMY	0.8588, 0.8980, 0.8549
CMYK	0.03, 0.30, 0.00, 0.85
HSL	295°, 17%, 12%
HSV	295°, 30%, 15%
XYZ	1.4309, 1.2474, 1.9156
YIQ	30.2440, 2.4290, 5.5410

# Conversions

## Conversions Part 2

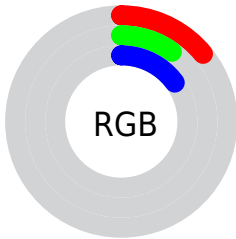
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 26, 37
Decimal	2365989
CIE Lab	10.90, 7.50, -5.63
CIE LCh	11, 9.379, 323.088
Yxy	1.2474, 0.3115, 0.2715
Android (android.graphics.Color)	4280556069 (0xFF241A25)
YUV	30.2440, 3.3307, 5.0480
Hunter-Lab	11.1688, 3.3228, -2.3510

# Details

The Hex color **241A25** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B251A**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **514552**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241625**, and if you desaturate by 10%, it is **241E25**.

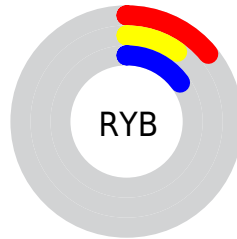
# Distribution



Red (14%)

Green (10%)

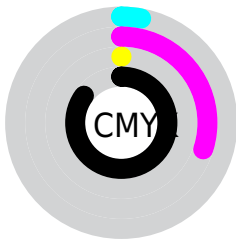
Blue (15%)



Red (14%)

Yellow (10%)

Blue (15%)

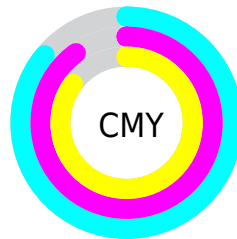


Cyan (3%)

Magenta (30%)

Yellow (0%)

Black (85%)



Cyan (86%)

Magenta (90%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 241A25 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 241A25 by changing the saturation by 10% instead.



■ 241A25

■ 241A25

■ FFFDFD

■ 0F0010

■ 514552

■ 000000

■ 695D6A

■ 827583

■ 9C8F9D

■ B7A9B8

■ D3C5D3

■ EFE1F0

■ 241A25

■ 241A25

■ 241625

■ 241E25

■ 231325

■ 252125

■ 230F25

■ 252525

■ 230B25

■ 252925

■ 220725

■ 262D25

■ 220425

■ 263025

■ 220025

■ 263425

■ 273825

■ 273B25

# Harmonies

## Analogous

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



1C1C29



241A25



29191F

# Triad

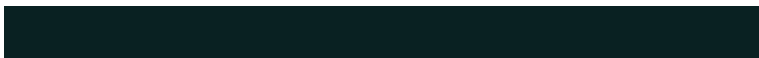
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241A25



231C10



092122

# Complementary

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



241A25



1B251A

# 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.



0E211C



241A25



1D1E11

# Square

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



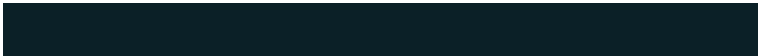
241A25



281A13



152015



0B2027

# Rectangle

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



241A25



2A191B



152015



0A2120



# Sweetspot

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



241A25



302C30



1A1B25



19171A



999999



1A1A1A



# Same Dimension

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



241A25



2F1F30



251A21



121012



4A0052



BE00D1



# Inverse Universe

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



251A1B



301F21



1A251E



121010



520007

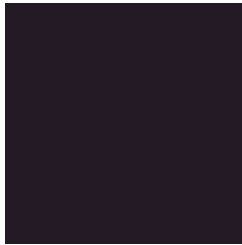


D10013



# Previews

## White Background



This preview shows how the Hex color 241A25 looks on a white background.

## Color Contrast Check

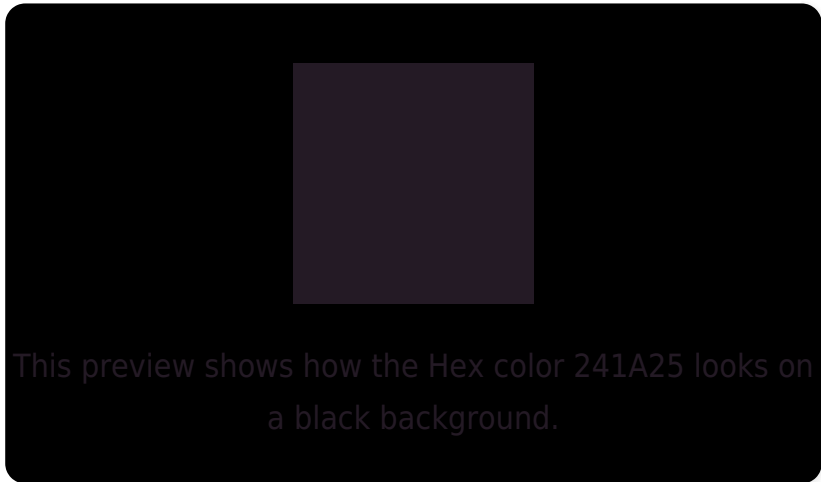
Large Text (above 18pt) WCAG AA ✓ Pass

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

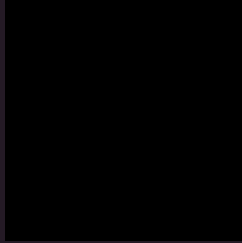
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 241A25 Background



This preview shows how black text looks on a background with the Hex color 241A25.

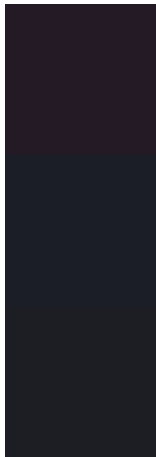


This preview shows how white text looks on a background with the Hex color 241A25.

# 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**  
241A25

**Protanopia**  
1B1D27

**Deuteranopia**  
1D1D24



**Tritanopia**  
231B1E

# Trichromacy



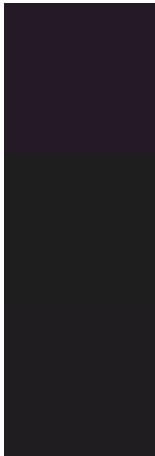
**Original Color**  
241A25

**Protanomaly**  
1E1C26

**Deuteranomaly**  
201C24

**Tritanomaly**  
231B21

# Monochromacy



**Original Color**  
241A25

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
201D21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 241A25 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 #241A25 looks like.

```
.text, #text, p{  
    color:#241A25  
}
```

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 #241A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241A25
}
```

## Border

The CSS property to change the border of an element to Hex 241A25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

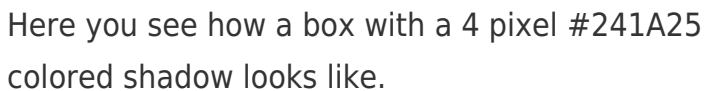
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241A25 }
```

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

```
.border{ border-color:#241A25 }
```

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



Here you see how a box with a 4 pixel #241A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241A25; -webkit-box-shadow:4px 4px  
4px 4px #241A25; box-shadow:4px 4px 4px  
4px #241A25 }
```

# Background

The CSS property to change the background color of an element to Hex 241A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241A25 }
```

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

```
.background{ background-color:#241A25 }
```

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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