

# Converting Colors

Hex(241BD5)

Have a look what the booklet for  
Hex(241BD5) contains.

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# Color

**Hex(241BD5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	241BD5
RGB	36, 27, 213
RGB Percent	14%, 11%, 84%
CMY	0.8588, 0.8941, 0.1647
CMYK	0.83, 0.87, 0.00, 0.16
HSL	243°, 78%, 47%
HSV	243°, 87%, 84%
XYZ	13.1297, 5.9630, 63.4098
YIQ	50.8950, -54.3420, 59.7540

# Conversions

## Conversions Part 2

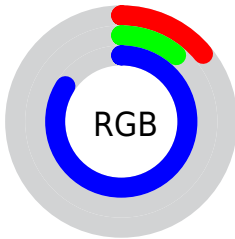
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 27, 213
Decimal	2366421
CIELab	29.32, 63.13, -88.88
CIELCh	29, 109.019, 305.385
Yxy	5.9630, 0.1591, 0.0723
Android (android.graphics.Color)	4280556501 (0xFF241BD5)
YUV	50.8950, 79.9178, -13.0629
Hunter-Lab	24.4193, 53.2417, -136.8651

# Details

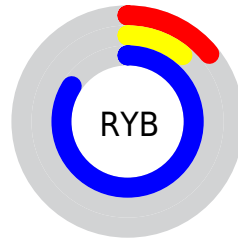
The Hex color **241BD5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CCD51B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7550FF**, and **00009D** is the 20% darker color. If you saturate the color by 10%, you get **1006D5**, and if you desaturate by 10%, it is **3830D5**.

# Distribution



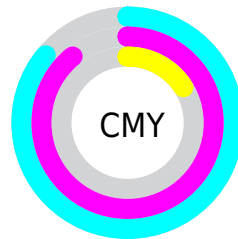
- Red (14%)
- Green (11%)
- Blue (84%)



- Red (14%)
- Yellow (11%)
- Blue (84%)



- Cyan (83%)
- Magenta (87%)
- Yellow (0%)
- Black (16%)



- Cyan (86%)
- Magenta (89%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 241BD5 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 241BD5 by changing the saturation by 10% instead.



 241BD5

 241BD5

FFFFFF

 0000B8


 7550FF

 00009D

 966AFF

 000082

 B684FF

 000467

 D69FFF

 000A4E

 F5BBFF

 000536

 FFD7FF

 000220

 FFF4FF

 000004

 000000

■ 241BD5

■ 241BD5

■ 1006D5

■ 3830D5

■ 0A00D5

■ 4D46D5

■ 615BD5

■ 7570D5

■ 8985D5

■ 9E9BD5

■ B2B0D5

■ C6C5D5

■ DADBD5

# Harmonies

## Analogous

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



0052F7



241BD5



AB008E

# Triad

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



241BD5



8A1800



005E53

# Complementary

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



241BD5



CCD51B

# 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.



005B00



241BD5



484800

# Square

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



241BD5



B70000



005700



0061A8

# Rectangle

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



241BD5



C50056



005700



005D35



# Sweetspot

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



241BD5



C0BDFF



1BCFD5



5A5880



000000



808080



# Same Dimension

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



241BD5



0C00FF



7E1BD5



61606B



0800AB



02002B



# Inverse Universe

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



D51BCC



FF00F3



72D51B



6B606B



AB00A3

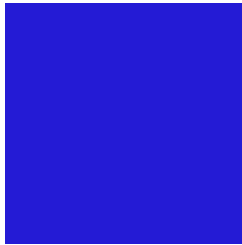


2B0029



# Previews

## White Background



This preview shows how the Hex color 241BD5 looks on a white background.

## Color Contrast Check

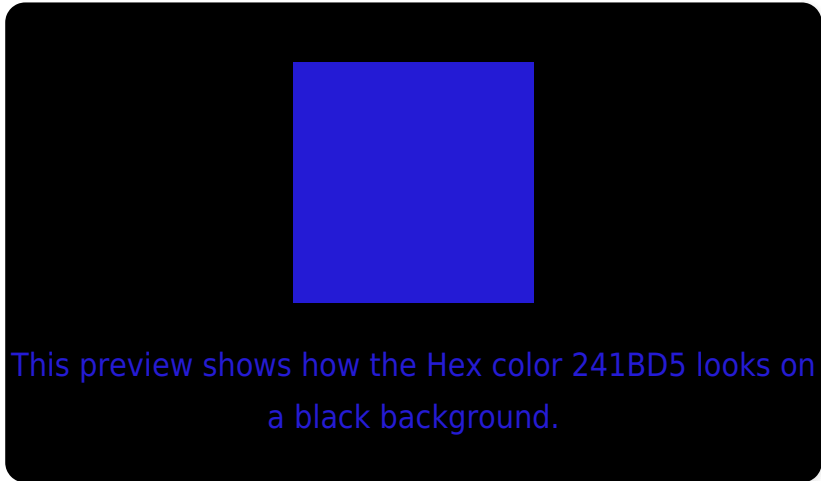
Large Text (above 18pt) WCAG AA ✓ Pass

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

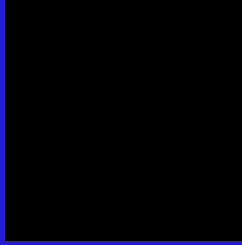
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 241BD5 Background



This preview shows how black text looks on a background with the Hex color 241BD5.



This preview shows how white text looks on a background with the Hex color 241BD5.

# 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**  
241BD5

**Protanopia**  
00438C

**Deuteranopia**  
004777



# Trichromacy



**Original Color**  
241BD5

**Protanomaly**  
0D34A7

**Deuteranomaly**  
0D3799

**Tritanomaly**  
0D3B81

# Monochromacy



**Original Color**  
241BD5

**Achromatopsia**  
333333

**Achromatomaly**  
2E2A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 241BD5 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 #241BD5 looks like.

```
.text, #text, p{  
    color:#241BD5  
}
```

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 #241BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241BD5
}
```

## Border

The CSS property to change the border of an element to Hex 241BD5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

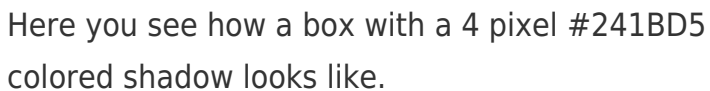
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241BD5 }
```

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

```
.border{ border-color:#241BD5 }
```

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



Here you see how a box with a 4 pixel #241BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241BD5; -webkit-box-shadow:4px 4px  
4px 4px #241BD5; box-shadow:4px 4px 4px  
4px #241BD5 }
```

# Background

The CSS property to change the background color of an element to Hex 241BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241BD5 }
```

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

```
.background{ background-color:#241BD5 }
```

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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