

# Converting Colors

Hex(243AB5)

Have a look what the booklet for  
Hex(243AB5) contains.

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# Color

Hex(243AB5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	243AB5
RGB	36, 58, 181
RGB Percent	14%, 23%, 71%
CMY	0.8588, 0.7725, 0.2902
CMYK	0.80, 0.68, 0.00, 0.29
HSL	231°, 67%, 43%
HSV	231°, 80%, 71%
XYZ	10.5811, 6.7374, 44.4588
YIQ	65.4440, -52.5950, 33.5890

# Conversions

## Conversions Part 2

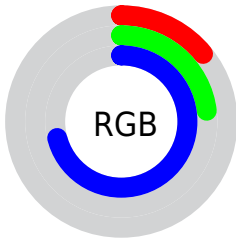
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 55, 181
Decimal	2374325
CIE <sub>Lab</sub>	31.20, 37.07, -66.99
CIE <sub>LCh</sub>	31, 76.568, 298.960
Yxy	6.7374, 0.1713, 0.1091
Android (android.graphics.Color)	4280564405 (0xFF243AB5)
YUV	65.4440, 56.9691, -25.8224
Hunter-Lab	25.9565, 27.3414, -83.3838

# Details

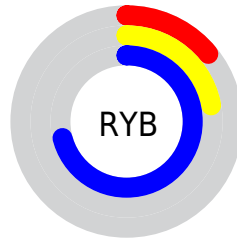
The Hex color **243AB5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B59F24**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6B69EE**, and **00117F** is the 20% darker color. If you saturate the color by 10%, you get **122BB5**, and if you desaturate by 10%, it is **3649B5**.

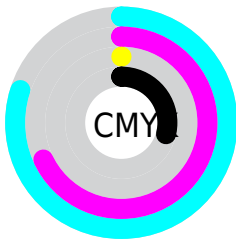
# Distribution



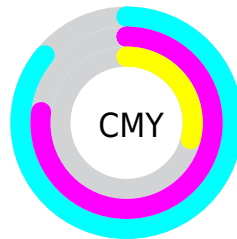
- Red (14%)
- Green (23%)
- Blue (71%)



- Red (14%)
- Yellow (22%)
- Blue (71%)



- Cyan (80%)
- Magenta (68%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (77%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 243AB5 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 243AB5 by changing the saturation by 10% instead.



 243AB5

 243AB5

FFFFFF

 00249A

 6B69EE

 00117F

 8983FF

 000065


 A79DFF

 00094C

 C5B8FF

 000434

 E3D3FF

 00021E

 FFF0FF

 000000

 243AB5

 243AB5

 122BB5

 3649B5

001BB5

4859B5

5A68B5

6C77B5

7F87B5

9196B5

A3A5B5

B5B5B5

C7C4B5

# Harmonies

## Analogous

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



0054C5



243AB5



8B0089

# Triad

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



243AB5



892800



005F46

# Complementary

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



243AB5



B59F24

# 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.



005C00



243AB5



5C4700

# Square

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



243AB5



A50014



195600



006083

# Rectangle

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



243AB5



A40062



195600



005E30



# Sweetspot

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



243AB5



B2BBEB



24B59D



535875



F5F5F5



757575



# Same Dimension

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



243AB5



092CEB



5424B5



505259



001799



00041A



# Inverse Universe

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



B5243A



EB092C



85B524



595052



990017

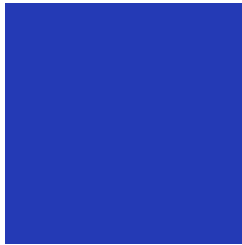


1A0004



# Previews

## White Background



This preview shows how the Hex color 243AB5 looks on a white background.

## Color Contrast Check

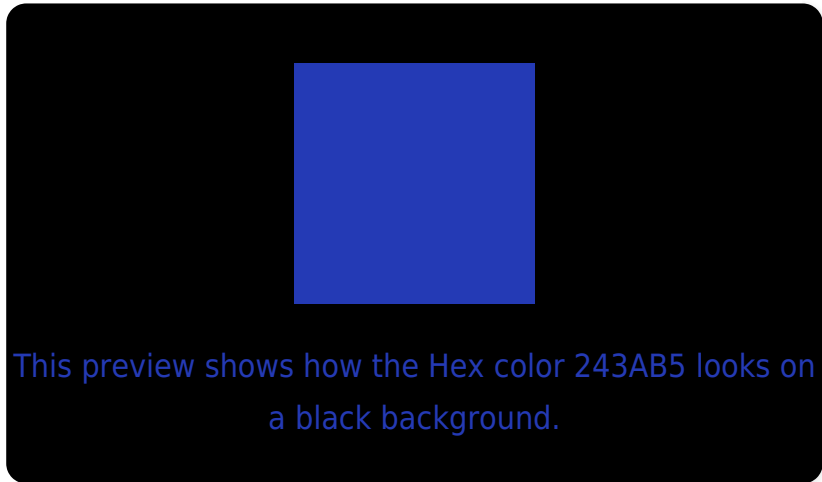
Large Text (above 18pt) WCAG AA ✓ Pass

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

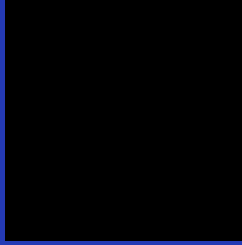
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 243AB5 Background



This preview shows how black text looks on a background with the Hex color 243AB5.

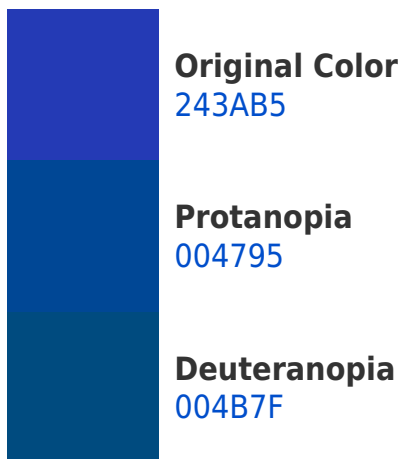


This preview shows how white text looks on a background with the Hex color 243AB5.

# 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





# Trichromacy



**Original Color**  
243AB5

**Protanomaly**  
0D42A1

**Deuteranomaly**  
0D4593

**Tritanomaly**  
0D4979

# Monochromacy



**Original Color**  
243AB5

**Achromatopsia**  
414141

**Achromatomaly**  
363E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 243AB5 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 #243AB5 looks like.

```
.text, #text, p{  
    color:#243AB5  
}
```

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 #243AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243AB5
}
```

## Border

The CSS property to change the border of an element to Hex 243AB5 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
#243AB5 }
```

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

```
.border{ border-color:#243AB5 }
```

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

Here you see how a box with a 4 pixel #243AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243AB5; -webkit-box-shadow:4px 4px  
4px 4px #243AB5; box-shadow:4px 4px 4px  
4px #243AB5 }
```

# Background

The CSS property to change the background color of an element to Hex 243AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243AB5 }
```

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

```
.background{ background-color:#243AB5 }
```

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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