

Converting Colors

Hex(243CAF)

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

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Color

Hex(243CAF)

Conversions

Conversions Part 1

Format	Color
Hex	243CAF
RGB	36, 60, 175
RGB Percent	14%, 24%, 69%
CMY	0.8588, 0.7647, 0.3137
CMYK	0.79, 0.66, 0.00, 0.31
HSL	230°, 66%, 41%
HSV	230°, 79%, 69%
XYZ	10.0813, 6.7019, 41.3197
YIQ	65.9340, -51.2190, 30.6770

Conversions

Conversions Part 2

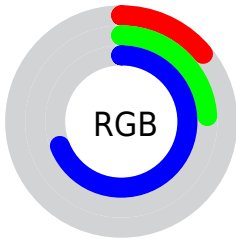
Format	Color
R _Y B	36, 56, 175
Decimal	2374831
CIE Lab	31.12, 33.58, -63.56
CIE LCh	31, 71.886, 297.851
Yxy	6.7019, 0.1735, 0.1153
Android (android.graphics.Color)	4280564911 (0xFF243CAF)
YUV	65.9340, 53.7695, -26.2521
Hunter-Lab	25.8881, 24.2069, -76.5105

Details

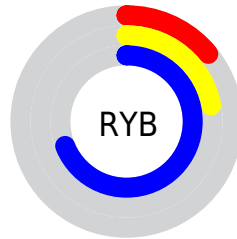
The Hex color **243CAF** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AF9724**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **696BE8**, and **001379** is the 20% darker color. If you saturate the color by 10%, you get **122EAF**, and if you desaturate by 10%, it is **364AAF**.

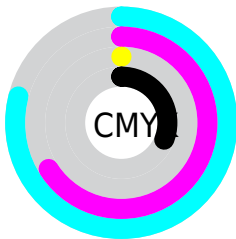
Distribution



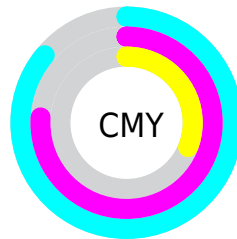
- Red (14%)
- Green (24%)
- Blue (69%)



- Red (14%)
- Yellow (22%)
- Blue (69%)



- Cyan (79%)
- Magenta (66%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients

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

■ 243CAF

■ 243CAF

FFFFFF

■ 002694

■ 696BE8

■ 001379

■ 8785FF

■ 000060

■ A49FFF

■ 000847

■ C2BAFF

■ 00042F

■ E0D5FF

■ 00011A

■ FEF2FF

■ 000000

■ 243CAF

■ 243CAF

■ 122EAF

■ 364AAF

■ 011FAF

■ 4759AF

■ 001EAF

■ 5967AF

■ 6A76AF

■ 7C84AF

■ 8D93AF

■ 9FA1AF

■ B0B0AF

■ C2BEAF

Harmonies

Analogous

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



0053BC



243CAF



850086

Triad

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



243CAF



872900



005E44

Complementary

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



243CAF



AF9724

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



243CAF



5E4600

Square

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



243CAF



A10019



235500



005F7D

Rectangle

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



243CAF



9E0063



235500



005D2F

Sweetspot

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



243CAF



ACB6E3



24AF96



515773



F2F2F2



737373

Same Dimension

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



243CAF



0B31E3



5024AF



4E5057



001A96



000417

Inverse Universe

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



AF243C



E30B31



83AF24



574E50



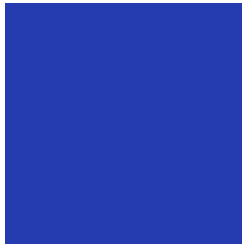
96001A



170004

Previews

White Background



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

Color Contrast Check

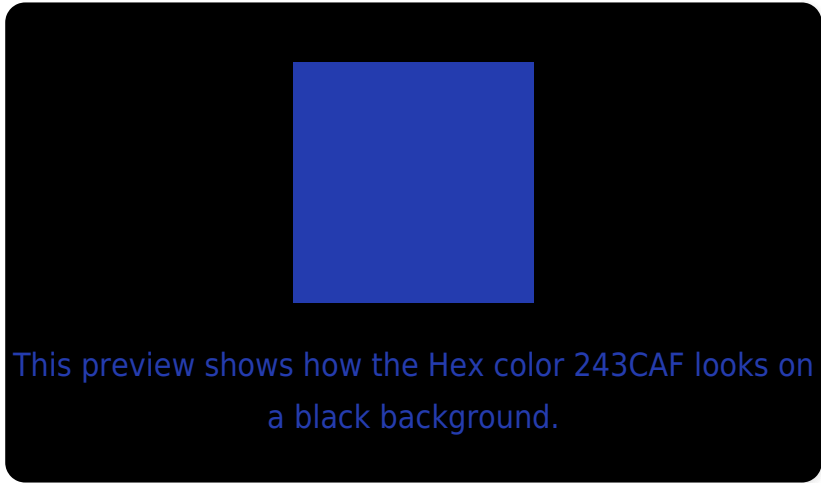
Large Text (above 18pt) WCAG AA ✓ Pass

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

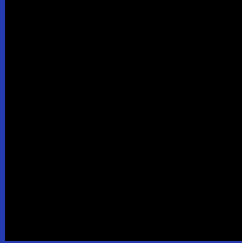
Any Text WCAG AA × Fail

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 243CAF Background



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



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

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
243CAF

Protanopia
004695

Deuteranopia
004B7F



Tritanopia
005156

Trichromacy



Original Color
243CAF

Protanomaly
0D429E

Deuteranomaly
0D4690

Tritanomaly
0D4976

Monochromacy



Original Color
243CAF

Achromatopsia
424242

Achromatomaly
37406A

CSS Examples

Text

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

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

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 #243CAF colored shadow looks like.

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

Border

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

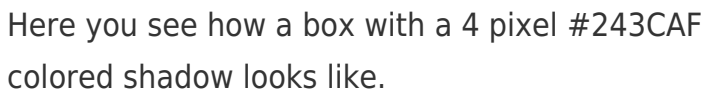
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243CAF }
```

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

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

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



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

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

Background

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

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

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

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

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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