

Converting Colors

Hex(243B9F)

Have a look what the booklet for
Hex(243B9F) contains.

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Color

Hex(243B9F)

Conversions

Conversions Part 1

Format	Color
Hex	243B9F
RGB	36, 59, 159
RGB Percent	14%, 23%, 62%
CMY	0.8588, 0.7686, 0.3765
CMYK	0.77, 0.63, 0.00, 0.38
HSL	229°, 63%, 38%
HSV	229°, 77%, 62%
XYZ	8.5495, 6.0062, 33.5096
YIQ	63.5230, -45.8080, 26.2240

Conversions

Conversions Part 2

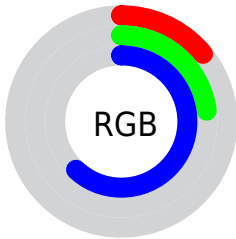
Format	Color
R_{YB}	36, 55, 159
Decimal	2374559
CIE _{Lab}	29.43, 28.22, -56.71
CIE _{LCh}	29, 63.340, 296.456
Yxy	6.0062, 0.1779, 0.1250
Android (android.graphics.Color)	4280564639 (0xFF243B9F)
YUV	63.5230, 47.0702, -24.1377
Hunter-Lab	24.5076, 19.3820, -63.9129

Details

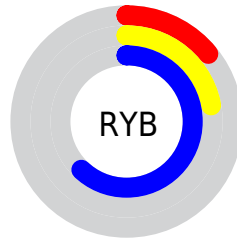
The Hex color **243B9F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9F8824**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **656AD7**, and **00126A** is the 20% darker color. If you saturate the color by 10%, you get **142E9F**, and if you desaturate by 10%, it is **34489F**.

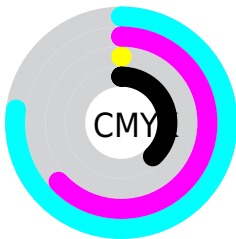
Distribution



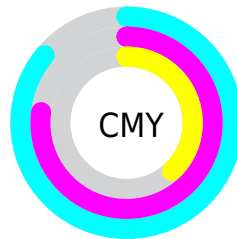
- Red (14%)
- Green (23%)
- Blue (62%)



- Red (14%)
- Yellow (22%)
- Blue (62%)



- Cyan (77%)
- Magenta (63%)
- Yellow (0%)
- Black (38%)



- Cyan (86%)
- Magenta (77%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243B9F 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 243B9F by changing the saturation by 10% instead.

■ 243B9F

■ 243B9F

FFFFFF

■ 002684

■ 656AD7

■ 00126A

■ 8283F3

■ 000052

■ 9F9DFF

■ 000539

■ BCB8FF

■ 000223

■ D9D4FF

■ 00000A

■ F7F0FF

■ 000000

■ 243B9F

■ 243B9F

■ 142E9F

■ 34489F

■ 04219F

■ 44559F

■ 001E9F

■ 54629F

■ 646F9F

■ 737C9F

■ 83899F

■ 93959F

■ A3A29F

■ B3AF9F

Harmonies

Analogous

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



004EA9



243B9F



78157D

Triad

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



243B9F



7F2900



00583E

Complementary

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



243B9F



9F8824

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.



005502



243B9F



5B4200

Square

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



243B9F



94001E



2B4F00



005970

Rectangle

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



243B9F



8F005E



2B4F00



00572C

Sweetspot

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



243B9F



9FA8CF



249F86



4B5169



E8E8E8



696969

Same Dimension

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



243B9F



0E32CF



49249F



47494F



001B8F



00030F

Inverse Universe

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



9F243B



CF0E32



7A9F24



4F4749



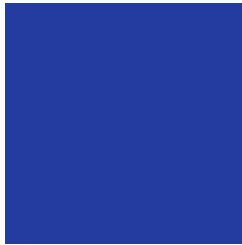
8F001B



0F0003

Previews

White Background



This preview shows how the Hex color 243B9F looks on a white background.

Color Contrast Check

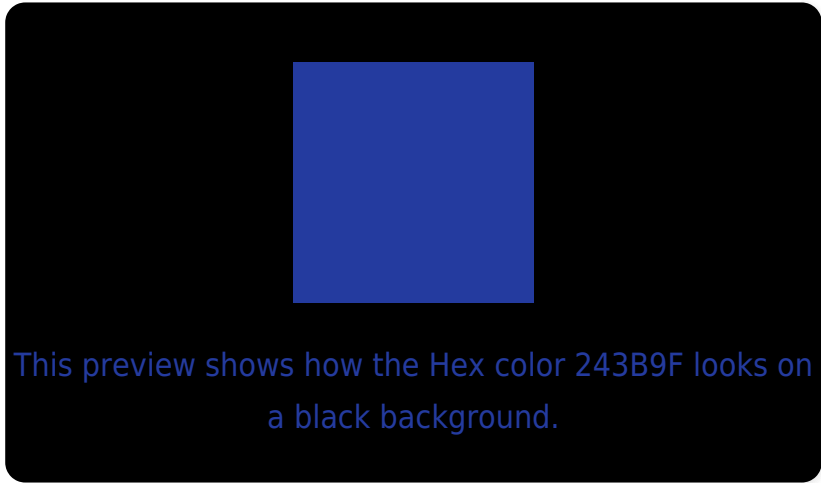
Large Text (above 18pt) WCAG AA ✓ Pass

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

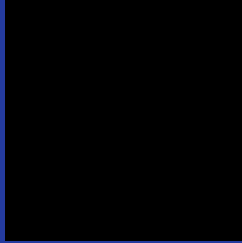
Any Text WCAG AA × Fail

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 243B9F Background



This preview shows how black text looks on a background with the Hex color 243B9F.

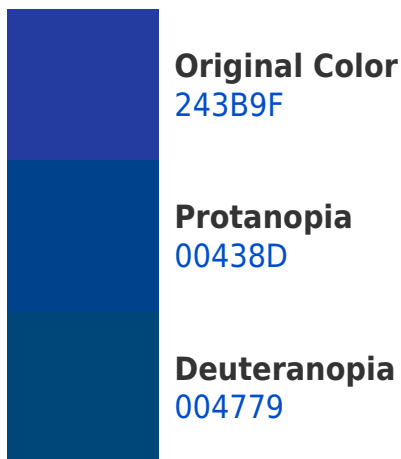


This preview shows how white text looks on a background with the Hex color 243B9F.

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
243B9F

Protanomaly
0D4094

Deuteranomaly
0D4387

Tritanomaly
0D466E

Monochromacy



Original Color
243B9F

Achromatopsia
404040

Achromatomaly
363E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 243B9F 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 #243B9F looks like.

```
.text, #text, p{  
    color:#243B9F  
}
```

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 #243B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243B9F
}
```

Border

The CSS property to change the border of an element to Hex 243B9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

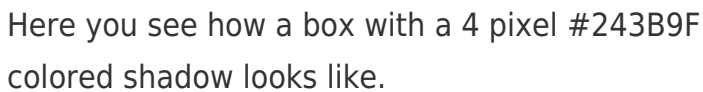
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243B9F }
```

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

```
.border{ border-color:#243B9F }
```

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



Here you see how a box with a 4 pixel #243B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243B9F; -webkit-box-shadow:4px 4px  
4px 4px #243B9F; box-shadow:4px 4px 4px  
4px #243B9F }
```

Background

The CSS property to change the background color of an element to Hex 243B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243B9F }
```

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

```
.background{ background-color:#243B9F }
```

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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