

Converting Colors

Hex(243585)

Have a look what the booklet for
Hex(243585) contains.

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Color

Hex(243585)

Conversions

Conversions Part 1

Format	Color
Hex	243585
RGB	36, 53, 133
RGB Percent	14%, 21%, 52%
CMY	0.8588, 0.7922, 0.4784
CMYK	0.73, 0.60, 0.00, 0.48
HSL	229°, 57%, 33%
HSV	229°, 73%, 52%
XYZ	6.2343, 4.6147, 22.7524
YIQ	57.0370, -35.8120, 21.2760

Conversions

Conversions Part 2

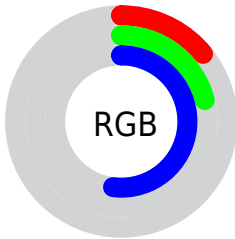
Format	Color
R_{YB}	36, 50, 133
Decimal	2372997
CIE _{Lab}	25.61, 22.30, -46.94
CIE _{LCh}	26, 51.973, 295.410
Yxy	4.6147, 0.1855, 0.1373
Android (android.graphics.Color)	4280563077 (0xFF243585)
YUV	57.0370, 37.4498, -18.4494
Hunter-Lab	21.4819, 14.2093, -47.7593




Details

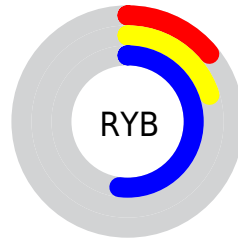
The Hex color **243585** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **857424**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **5F63BB**, and **000C52** is the 20% darker color. If you saturate the color by 10%, you get **172A85**, and if you desaturate by 10%, it is **314085**.

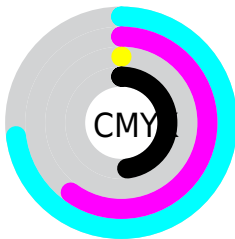
Distribution







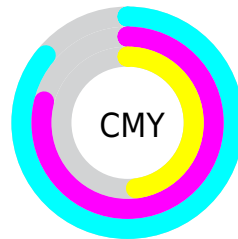
-  Red (14%)
-  Green (21%)
-  Blue (52%)






-  Red (14%)
-  Yellow (20%)
-  Blue (52%)



-  Cyan (73%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (86%)
-  Magenta (79%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243585 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 243585 by changing the saturation by 10% instead.

■ 243585

■ 243585

FFFFFF

■ 00206B

■ 5F63BB

■ 000C52

■ 7A7CD7

■ 00033B

■ 9696F4

■ 000224

■ B3B1FF

■ 00000C

■ CFCCFF

■ 000000

■ EDE8FF

■ 243585

■ 243585

■ 172A85

■ 314085

■ 091F85

■ 3F4B85

■ 001785

■ 4C5685

■ 596185

■ 676C85

■ 747785

■ 818285

■ 8E8D85

■ 9C9885

Harmonies

Analogous

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



00448C



243585



641C6A

Triad

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



243585



6D2600



004C35

Complementary

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



243585



857424

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.



004A08



243585



513900

Square

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



243585



7D061E



2B4400



004D5E

Rectangle

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



243585



770352



2B4400



004C27

Sweetspot

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



243585



878EAD



248573



404457



D6D6D6



575757

Same Dimension

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



243585



1530AD



432485



3C3D42



001782



000003

Inverse Universe

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



852435



AD1530



668524



423C3D



820017



030000

Previews

White Background



This preview shows how the Hex color 243585 looks on a white background.

Color Contrast Check

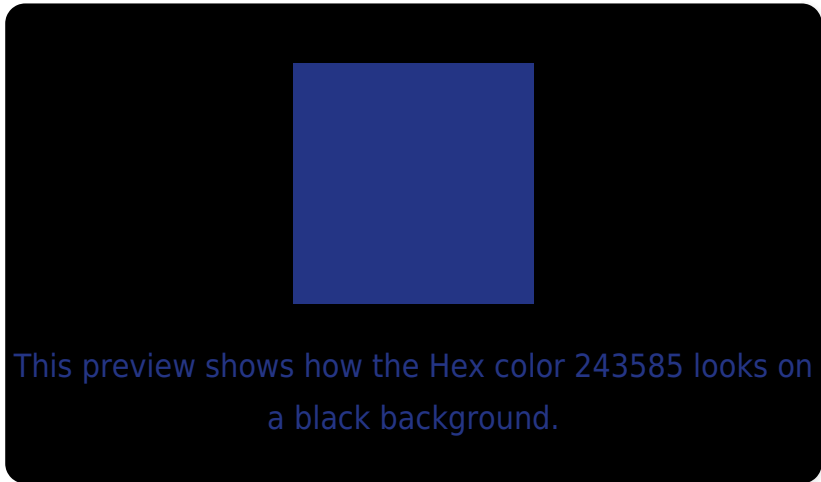
Large Text (above 18pt) WCAG AA ✓ Pass

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

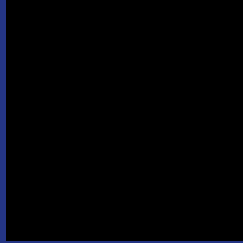
Any Text WCAG AA × Fail

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 243585 Background



This preview shows how black text looks on a background with the Hex color 243585.

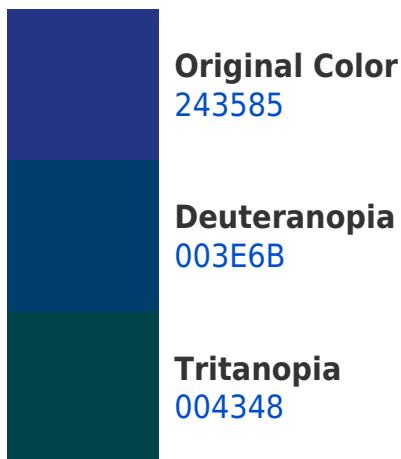


This preview shows how white text looks on a background with the Hex color 243585.

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
243585

Deuteranomaly
0D3B74

Tritanomaly
0D3E5E

Monochromacy



Original Color
243585

Achromatopsia
393939

Achromatomaly
313855

CSS Examples

Text

The CSS property to change the color of the text to Hex 243585 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 #243585 looks like.

```
.text, #text, p{  
    color:#243585  
}
```

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 #243585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243585
}
```

Border

The CSS property to change the border of an element to Hex 243585 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
#243585 }
```

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

```
.border{ border-color:#243585 }
```

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

Here you see how a box with a 4 pixel #243585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243585; -webkit-box-shadow:4px 4px  
4px 4px #243585; box-shadow:4px 4px 4px  
4px #243585 }
```

Background

The CSS property to change the background color of an element to Hex 243585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243585 }
```

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

```
.background{ background-color:#243585 }
```

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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