

Converting Colors

Hex(243D7D)

Have a look what the booklet for
Hex(243D7D) contains.

Hex(243D7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(243D7D)

Conversions

Conversions Part 1

Format	Color
Hex	243D7D
RGB	36, 61, 125
RGB Percent	14%, 24%, 49%
CMY	0.8588, 0.7608, 0.5098
CMYK	0.71, 0.51, 0.00, 0.51
HSL	223°, 55%, 32%
HSV	223°, 71%, 49%
XYZ	6.0980, 5.1932, 20.0830
YIQ	60.8210, -35.4440, 14.6040

Conversions

Conversions Part 2

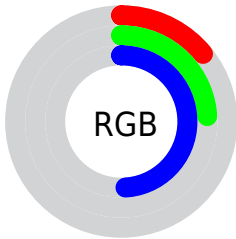
Format	Color
R_{YB}	36, 56, 125
Decimal	2375037
CIE Lab	27.28, 13.62, -39.23
CIE LCh	27, 41.526, 289.146
Yxy	5.1932, 0.1944, 0.1655
Android (android.graphics.Color)	4280565117 (0xFF243D7D)
YUV	60.8210, 31.6402, -21.7680
Hunter-Lab	22.7886, 7.8843, -36.2987

Details

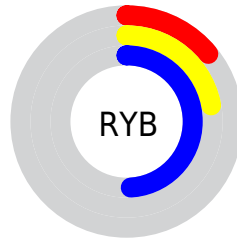
The Hex color **243D7D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7D6424**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5C6CB2**, and **00144B** is the 20% darker color. If you saturate the color by 10%, you get **17347D**, and if you desaturate by 10%, it is **31467D**.

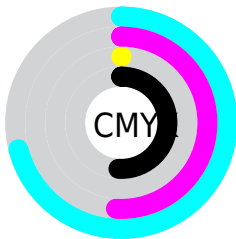
Distribution



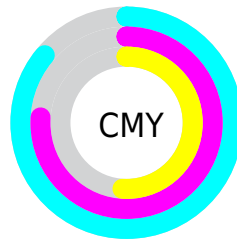
- Red (14%)
- Green (24%)
- Blue (49%)



- Red (14%)
- Yellow (22%)
- Blue (49%)



- Cyan (71%)
- Magenta (51%)
- Yellow (0%)
- Black (51%)



- Cyan (86%)
- Magenta (76%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243D7D 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 243D7D by changing the saturation by 10% instead.

■ 243D7D

■ 243D7D

FFFFFF

■ 002864

■ 5C6CB2

■ 00144B

■ 7785CE

■ 000334

■ 939FEA

■ 00021E

■ AFBAFF

■ 000000

■ CBD6FF

■ E8F2FF

■ 243D7D

■ 243D7D

■ 17347D

■ 31467D

■ 0B2B7D

■ 3D4F7D

■ 00237D

■ 4A587D

■ 56617D

■ 636A7D

■ 6F737D

■ 7C7C7D

■ 88857D

■ 948E7D

Harmonies

Analogous

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



00487F



243D7D



5B2E6A

Triad

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



243D7D



6E2D10



004E33

Complementary

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



243D7D



7D6424

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.



0F4B13



243D7D



593B00

Square

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



243D7D



781F2E



3C4500



004F54

Rectangle

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



243D7D



6D2358



3C4500



004D28

Sweetspot

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



243D7D



818BA3



247D64



3D4352



D1D1D1



525252

Same Dimension

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



243D7D



183FA3



37247D



393B40



002480



000000

Inverse Universe

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



7D243D



A3183F



6A7D24



40393B



800024



000000

Previews

White Background



This preview shows how the Hex color 243D7D looks on a white background.

Color Contrast Check

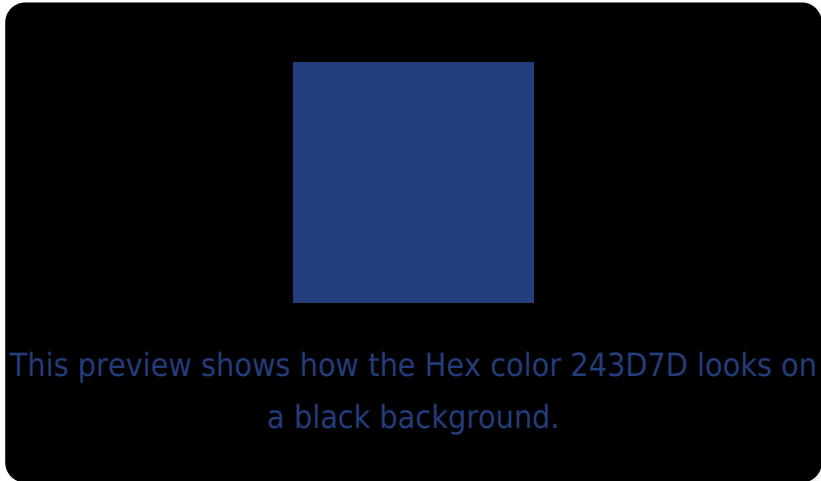
Large Text (above 18pt) WCAG AA ✓ Pass

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 243D7D Background



This preview shows how black text looks on a background with the Hex color 243D7D.



This preview shows how white text looks on a background with the Hex color 243D7D.

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
243D7D

Protanopia
193E7E

Deuteranopia
004273



Tritanopia
00484D

Trichromacy



Original Color
243D7D

Protanomaly
1D3E7E

Deuteranomaly
0D4077

Tritanomaly
0D445E

Monochromacy



Original Color
243D7D

Achromatopsia
3D3D3D

Achromatomaly
343D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 243D7D 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 #243D7D looks like.

```
.text, #text, p{  
    color:#243D7D  
}
```

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 #243D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243D7D
}
```

Border

The CSS property to change the border of an element to Hex 243D7D 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
#243D7D }
```

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

```
.border{ border-color:#243D7D }
```

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

Here you see how a box with a 4 pixel #243D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243D7D; -webkit-box-shadow:4px 4px  
4px 4px #243D7D; box-shadow:4px 4px 4px  
4px #243D7D }
```

Background

The CSS property to change the background color of an element to Hex 243D7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243D7D }
```

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

```
.background{ background-color:#243D7D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor