

Converting Colors

Hex(253A87)

Have a look what the booklet for
Hex(253A87) contains.

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Color

Hex(253A87)

Conversions

Conversions Part 1

Format	Color
Hex	253A87
RGB	37, 58, 135
RGB Percent	15%, 23%, 53%
CMY	0.8549, 0.7725, 0.4706
CMYK	0.73, 0.57, 0.00, 0.47
HSL	227°, 57%, 34%
HSV	227°, 73%, 53%
XYZ	6.6492, 5.1687, 23.5689
YIQ	60.4990, -37.2330, 19.4950

Conversions

Conversions Part 2

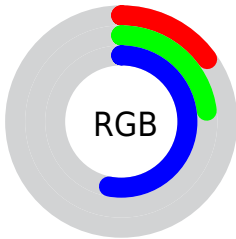
Format	Color
R_{YB}	37, 54, 135
Decimal	2439815
CIE _{Lab}	27.21, 19.77, -45.59
CIE _{LCh}	27, 49.688, 293.448
Yxy	5.1687, 0.1879, 0.1461
Android (android.graphics.Color)	4280629895 (0xFF253A87)
YUV	60.4990, 36.7290, -20.6086
Hunter-Lab	22.7348, 12.4196, -45.5509




Details

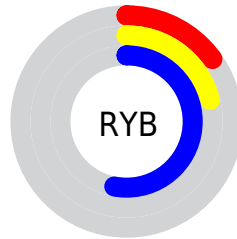
The Hex color **253A87** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **877225**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **5F69BD**, and **001254** is the 20% darker color. If you saturate the color by 10%, you get **182F87**, and if you desaturate by 10%, it is **334587**.

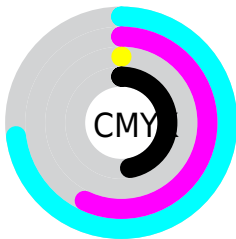
Distribution







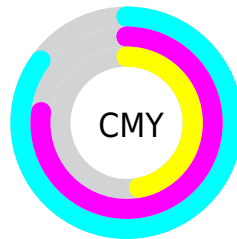
-  Red (15%)
-  Green (23%)
-  Blue (53%)






-  Red (15%)
-  Yellow (21%)
-  Blue (53%)



-  Cyan (73%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253A87 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 253A87 by changing the saturation by 10% instead.

■ 253A87

■ 253A87

FFFFFF

■ 00256D

■ 5F69BD

■ 001254

■ 7B82D9

■ 00003D

■ 979CF6

■ 000226

■ B3B7FF

■ 00010F

■ D0D2FF

■ 000000

■ EDEEFF

■ 253A87

■ 253A87

■ 182F87

■ 334587

■ 0A2587

■ 404F87

■ 001D87

■ 4E5A87

■ 5B6487

■ 696F87

■ 767A87

■ 848487

■ 918F87

■ 9F9987

Harmonies

Analogous

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



00488D



253A87



65256E

Triad

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



253A87



712A00



005036

Complementary

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



253A87



877225

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.



004D0C



253A87



573C00

Square

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



253A87



801225



344700



00505E

Rectangle

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



253A87



781357



344700



004F29

Sweetspot

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



253A87



8992B0



258772



424759



D9D9D9



595959

Same Dimension

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



253A87



1738B0



412587



3C3D42



001C82



000103

Inverse Universe

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



87253A



B01738



6B8725



423C3D



82001C



030001

Previews

White Background



This preview shows how the Hex color 253A87 looks on a white background.

Color Contrast Check

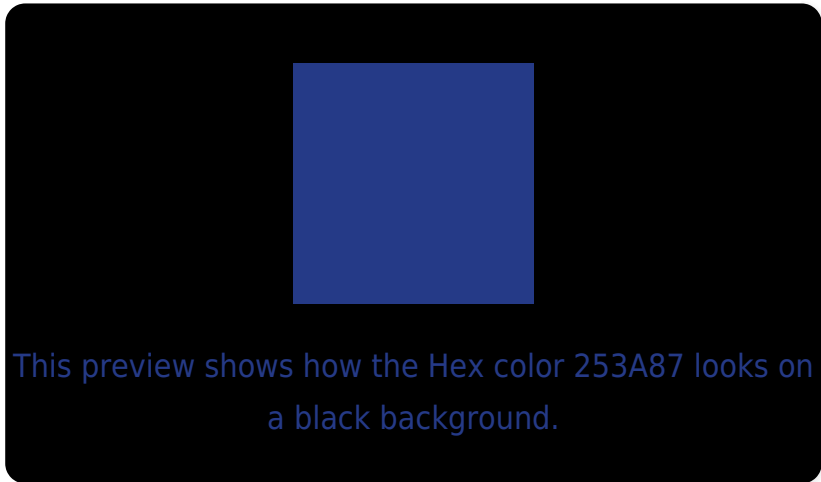
Large Text (above 18pt) WCAG AA ✓ Pass

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

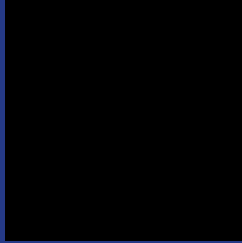
Any Text WCAG AA × Fail

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 253A87 Background



This preview shows how black text looks on a background with the Hex color 253A87.



This preview shows how white text looks on a background with the Hex color 253A87.

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
253A87

Protanopia
003E83

Deuteranopia
004271



Tritanopia
00474C

Trichromacy



Original Color
253A87

Protanomaly
0D3D84

Deuteranomaly
0D3F79

Tritanomaly
0D4261

Monochromacy



Original Color
253A87

Achromatopsia
3C3C3C

Achromatomaly
343B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 253A87 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 #253A87 looks like.

```
.text, #text, p{  
    color:#253A87  
}
```

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 #253A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253A87
}
```

Border

The CSS property to change the border of an element to Hex 253A87 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
#253A87 }
```

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

```
.border{ border-color:#253A87 }
```

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

Here you see how a box with a 4 pixel #253A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253A87; -webkit-box-shadow:4px 4px  
4px 4px #253A87; box-shadow:4px 4px 4px  
4px #253A87 }
```

Background

The CSS property to change the background color of an element to Hex 253A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253A87 }
```

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

```
.background{ background-color:#253A87 }
```

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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