

Converting Colors

Hex(253881)

Have a look what the booklet for
Hex(253881) contains.

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Color

Hex(253881)

Conversions

Conversions Part 1

Format	Color
Hex	253881
RGB	37, 56, 129
RGB Percent	15%, 22%, 51%
CMY	0.8549, 0.7804, 0.4941
CMYK	0.71, 0.57, 0.00, 0.49
HSL	228°, 55%, 33%
HSV	228°, 71%, 51%
XYZ	6.1396, 4.8066, 21.3731
YIQ	58.6410, -34.7570, 18.6750

Conversions

Conversions Part 2

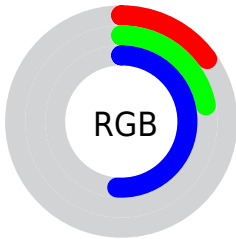
Format	Color
R_{YB}	37, 53, 129
Decimal	2439297
CIE _{Lab}	26.18, 18.82, -43.52
CIE _{LCh}	26, 47.412, 293.390
Yxy	4.8066, 0.1900, 0.1487
Android (android.graphics.Color)	4280629377 (0xFF253881)
YUV	58.6410, 34.6870, -18.9792
Hunter-Lab	21.9241, 11.6197, -42.4531

Details

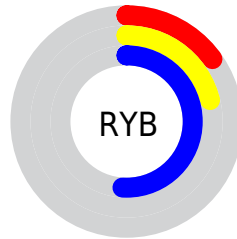
The Hex color **253881** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **816E25**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5E67B7**, and **000F4F** is the 20% darker color. If you saturate the color by 10%, you get **182E81**, and if you desaturate by 10%, it is **324281**.

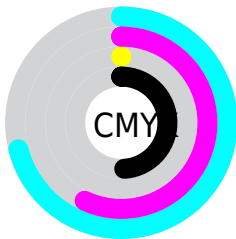
Distribution



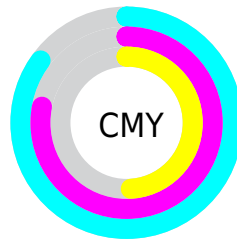
- Red (15%)
- Green (22%)
- Blue (51%)



- Red (15%)
- Yellow (21%)
- Blue (51%)



- Cyan (71%)
- Magenta (57%)
- Yellow (0%)
- Black (49%)



- Cyan (85%)
- Magenta (78%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253881 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 253881 by changing the saturation by 10% instead.

■ 253881

■ 253881

FFFFFF

■ 002367

■ 5E67B7

■ 000F4F

■ 7A7FD2

■ 000337

■ 9599EF

■ 000221

■ B1B4FF

■ 000006

■ CED0FF

■ 000000

■ EBECFF

■ 253881

■ 253881

■ 182E81

■ 324281

■ 0B2481

■ 3F4C81

■ 001B81

■ 4C5781

■ 596181

■ 666B81

■ 727581

■ 7F8081

■ 8C8A81

■ 999481

Harmonies

Analogous

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



004586



253881



60246A

Triad

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



253881



6D2900



004D35

Complementary

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



253881



816E25

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.



004A0D



253881



543A00

Square

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



253881



7B1424



324400



004D5A

Rectangle

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



253881



731553



324400



004C28

Sweetspot

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



253881



858CA8



25816D



3F4354



D4D4D4



545454

Same Dimension

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



253881



1835A8



3F2581



393B40



001A80



000000

Inverse Universe

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



812538



A81835



678125



40393B



80001A



000000

Previews

White Background



This preview shows how the Hex color 253881 looks on a white background.

Color Contrast Check

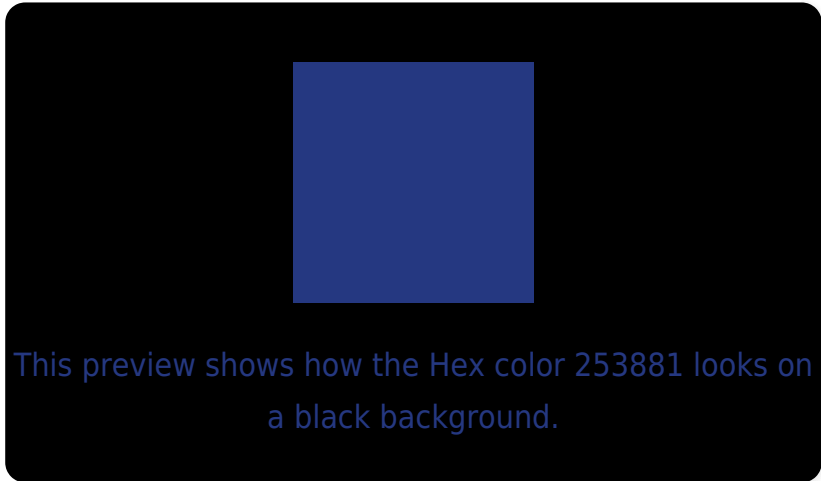
Large Text (above 18pt) WCAG AA ✓ Pass

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

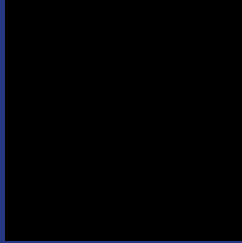
Any Text WCAG AA × Fail

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 253881 Background



This preview shows how black text looks on a background with the Hex color 253881.



This preview shows how white text looks on a background with the Hex color 253881.

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
253881

Protanopia
003C7F

Deuteranopia
003F6D



Tritanopia
00454A

Trichromacy



Original Color
253881

Protanomaly
0D3B80

Deuteranomaly
0D3C74

Tritanomaly
0D405E

Monochromacy



Original Color
253881

Achromatopsia
3B3B3B

Achromatomaly
333A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 253881 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 #253881 looks like.

```
.text, #text, p{  
    color:#253881  
}
```

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 #253881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253881
}
```

Border

The CSS property to change the border of an element to Hex 253881 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
#253881 }
```

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

```
.border{ border-color:#253881 }
```

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

Here you see how a box with a 4 pixel #253881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253881; -webkit-box-shadow:4px 4px  
4px 4px #253881; box-shadow:4px 4px 4px  
4px #253881 }
```

Background

The CSS property to change the background color of an element to Hex 253881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253881 }
```

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

```
.background{ background-color:#253881 }
```

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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