

Converting Colors

Hex(251A42)

Have a look what the booklet for
Hex(251A42) contains.

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Color

Hex(251A42)

Conversions

Conversions Part 1

Format	Color
Hex	251A42
RGB	37, 26, 66
RGB Percent	15%, 10%, 26%
CMY	0.8549, 0.8980, 0.7412
CMYK	0.44, 0.61, 0.00, 0.74
HSL	256°, 43%, 18%
HSV	256°, 61%, 26%
XYZ	2.1157, 1.5255, 5.3372
YIQ	33.8490, -6.2840, 14.7720

Conversions

Conversions Part 2

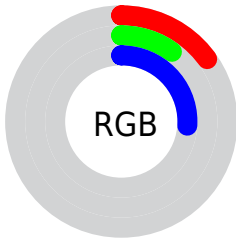
Format	Color
R_{YB}	37, 26, 66
Decimal	2431554
CIE _{Lab}	12.77, 16.65, -23.59
CIE _{LCh}	13, 28.875, 305.206
Yxy	1.5255, 0.2356, 0.1699
Android (android.graphics.Color)	4280621634 (0xFF251A42)
YUV	33.8490, 15.8504, 2.7634
Hunter-Lab	12.3509, 8.9630, -16.9753

Details

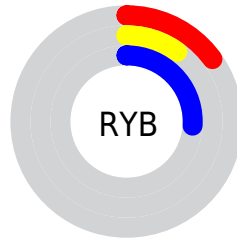
The Hex color **251A42** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **37421A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **544672**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **201342**, and if you desaturate by 10%, it is **2A2142**.

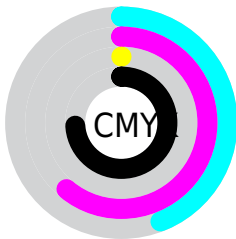
Distribution



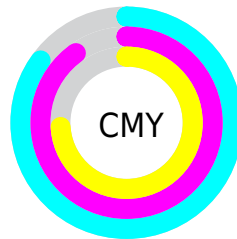
- Red (15%)
- Green (10%)
- Blue (26%)



- Red (15%)
- Yellow (10%)
- Blue (26%)



- Cyan (44%)
- Magenta (61%)
- Yellow (0%)
- Black (74%)



- Cyan (85%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251A42 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 251A42 by changing the saturation by 10% instead.

■ 251A42

■ 251A42

FFFEFF

■ 12002C

■ 544672

■ 000116

■ 6D5D8C

■ 000000

■ 8776A6

■ A190C2

■ BCAADE

■ D8C5FA

■ F5E1FF

■ 251A42

■ 251A42

■ 201342

■ 2A2142

■ 1B0D42

■ 2F2742

■ 170642

■ 332E42

■ 120042

■ 383442

■ 3D3B42

■ 424242

■ 464842

■ 4B4F42

■ 505542

Harmonies

Analogous

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



002249



251A42



3B0F32

Triad

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



251A42



371A00



002A24

Complementary

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



251A42



37421A

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.



00290F



251A42



272100

Square

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



251A42



421007



142600



002A38

Rectangle

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



251A42



420A25



142600



002A1D

Sweetspot

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



251A42



4B4757



1A3742



24222B



ABABAB



2B2B2B

Same Dimension

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



251A42



291757



391A42



1F1E21



1B0061



3E00E0

Inverse Universe

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



421A37



571745



23421A



211E20



610046



E000A3

Previews

White Background



This preview shows how the Hex color 251A42 looks on a white background.

Color Contrast Check

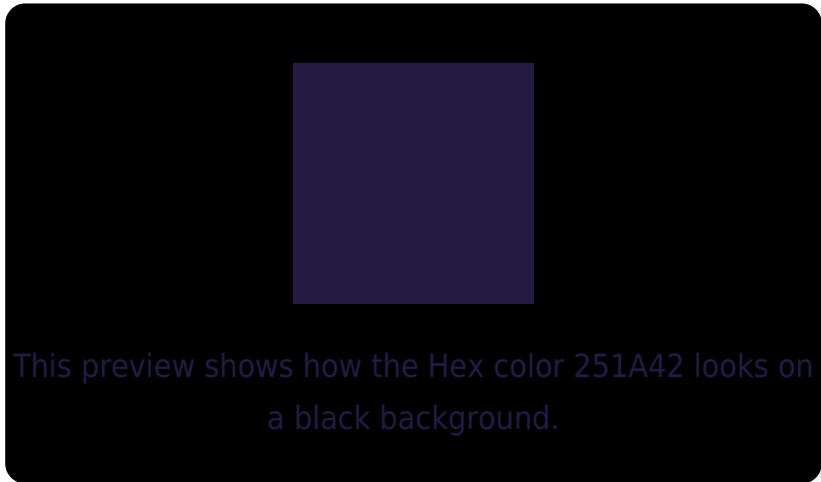
Large Text (above 18pt) WCAG AA ✓ Pass

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

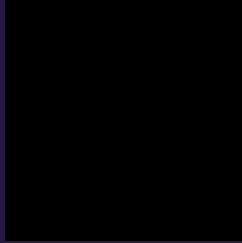
Any Text WCAG AA × Fail

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 251A42 Background



This preview shows how black text looks on a background with the Hex color 251A42.



This preview shows how white text looks on a background with the Hex color 251A42.

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
251A42

Protanopia
002045

Deuteranopia
00223C



Tritanopia
1E2225

Trichromacy



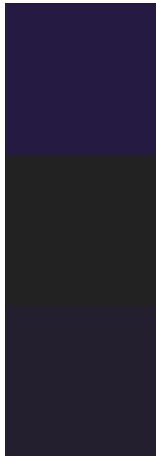
Original Color
251A42

Protanomaly
0D1E44

Deuteranomaly
0D1F3E

Tritanomaly
211F30

Monochromacy



Original Color
251A42

Achromatopsia
222222

Achromatomaly
231F2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 251A42 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 #251A42 looks like.

```
.text, #text, p{  
    color:#251A42  
}
```

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 #251A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251A42
}
```

Border

The CSS property to change the border of an element to Hex 251A42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

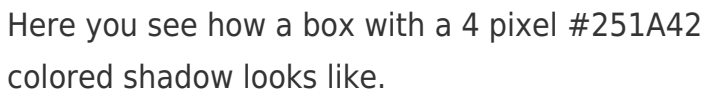
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#251A42 }
```

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

```
.border{ border-color:#251A42 }
```

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



Here you see how a box with a 4 pixel #251A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251A42; -webkit-box-shadow:4px 4px  
4px 4px #251A42; box-shadow:4px 4px 4px  
4px #251A42 }
```

Background

The CSS property to change the background color of an element to Hex 251A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251A42 }
```

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

```
.background{ background-color:#251A42 }
```

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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