

Converting Colors

Hex(251D67)

Have a look what the booklet for
Hex(251D67) contains.

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Color

Hex(251D67)

Conversions

Conversions Part 1

Format	Color
Hex	251D67
RGB	37, 29, 103
RGB Percent	15%, 11%, 40%
CMY	0.8549, 0.8863, 0.5961
CMYK	0.64, 0.72, 0.00, 0.60
HSL	246°, 56%, 26%
HSV	246°, 72%, 40%
XYZ	3.6505, 2.2513, 13.0741
YIQ	39.8280, -18.9860, 24.7100

Conversions

Conversions Part 2

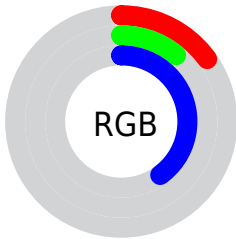
Format	Color
R_{YB}	37, 29, 103
Decimal	2432359
CIE Lab	16.75, 27.51, -42.20
CIE LCh	17, 50.374, 303.107
Yxy	2.2513, 0.1924, 0.1186
Android (android.graphics.Color)	4280622439 (0xFF251D67)
YUV	39.8280, 31.1438, -2.4802
Hunter-Lab	15.0044, 17.1705, -41.1594

Details

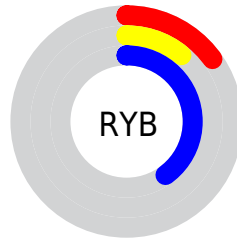
The Hex color **251D67** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F671D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5A4A9B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **1C1367**, and if you desaturate by 10%, it is **2E2767**.

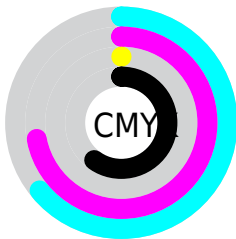
Distribution



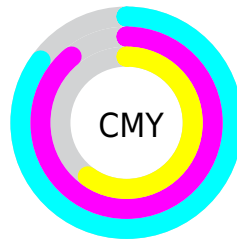
- Red (15%)
- Green (11%)
- Blue (40%)



- Red (15%)
- Yellow (11%)
- Blue (40%)



- Cyan (64%)
- Magenta (72%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (89%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251D67 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 251D67 by changing the saturation by 10% instead.



251D67



251D67

FFFFFF



02084E



5A4A9B



000037



7562B6



000221



907BD2



000005



AC95EE



000000



C8AFFE



E5CBFF



FFE7FF



251D67



251D67

■ 1C1367

■ 2E2767

■ 130867

■ 373267

■ 0B0067

■ 413C67

■ 4A4667

■ 535067

■ 5C5B67

■ 656567

■ 6E6F67

■ 787A67

Harmonies

Analogous

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



002E73



251D67



55004B

Triad

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



251D67



4D1900



00372C

Complementary

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



251D67



5F671D

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.



003501



251D67



312A00

Square

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



251D67



600000



053200



003750

Rectangle

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



251D67



620033



053200



003720

Sweetspot

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



251D67



6D6987



1D6067



353345



C4C4C4



454545

Same Dimension

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



251D67



1F1387



491D67



2E2E33



0C0073



1A00F2

Inverse Universe

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



671D5F



87137B



3B671D



332E32



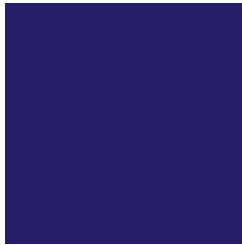
730066



F200D8

Previews

White Background



This preview shows how the Hex color 251D67 looks on a white background.

Color Contrast Check

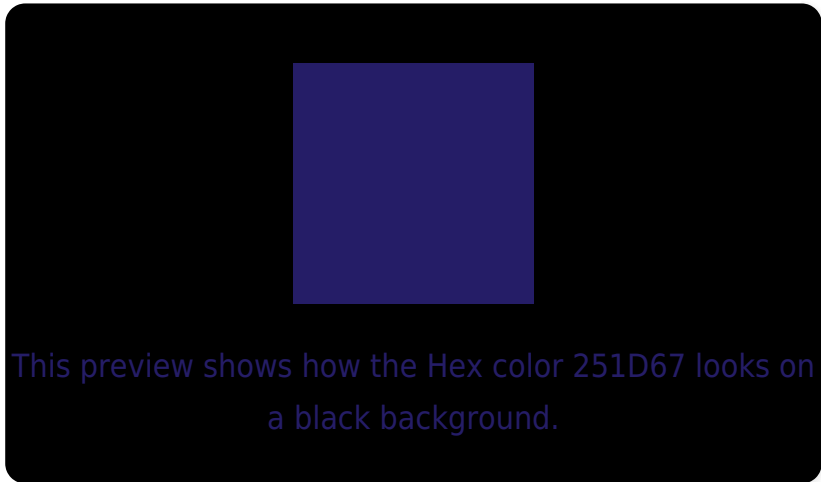
Large Text (above 18pt) WCAG AA ✓ Pass

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

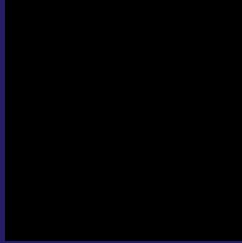
Any Text WCAG AA × Fail

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 251D67 Background



This preview shows how black text looks on a background with the Hex color 251D67.



This preview shows how white text looks on a background with the Hex color 251D67.

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
251D67

Protanopia
002955

Deuteranopia
002B49



Tritanopia
002F32

Trichromacy



Original Color
251D67

Protanomaly
0D255C

Deuteranomaly
0D2654

Tritanomaly
0D2845

Monochromacy



Original Color
251D67

Achromatopsia
282828

Achromatomaly
27243F

CSS Examples

Text

The CSS property to change the color of the text to Hex 251D67 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 #251D67 looks like.

```
.text, #text, p{  
    color:#251D67  
}
```

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 #251D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251D67
}
```

Border

The CSS property to change the border of an element to Hex 251D67 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
#251D67 }
```

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

```
.border{ border-color:#251D67 }
```

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

Here you see how a box with a 4 pixel #251D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251D67; -webkit-box-shadow:4px 4px  
4px 4px #251D67; box-shadow:4px 4px 4px  
4px #251D67 }
```

Background

The CSS property to change the background color of an element to Hex 251D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251D67 }
```

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

```
.background{ background-color:#251D67 }
```

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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