

# Converting Colors

Hex(251480)

Have a look what the booklet for  
Hex(251480) contains.

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# Color

**Hex(251480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	251480
RGB	37, 20, 128
RGB Percent	15%, 8%, 50%
CMY	0.8549, 0.9216, 0.4980
CMYK	0.71, 0.84, 0.00, 0.50
HSL	249°, 73%, 29%
HSV	249°, 84%, 50%
XYZ	4.9094, 2.4521, 20.6366
YIQ	37.3950, -24.5360, 37.1920

# Conversions

## Conversions Part 2

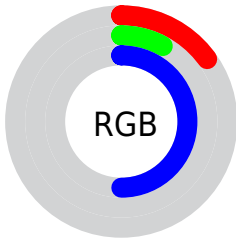
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 20, 128
Decimal	2430080
CIE <sub>Lab</sub>	17.70, 40.95, -56.78
CIE <sub>LCh</sub>	18, 70.003, 305.798
Yxy	2.4521, 0.1753, 0.0876
Android (android.graphics.Color)	4280620160 (0xFF251480)
<b>YUV</b>	37.3950, 44.6683, -0.3464
Hunter-Lab	15.6593, 28.5582, -67.1739

# Details

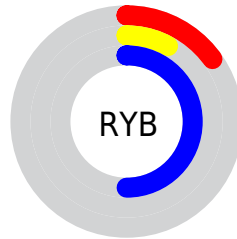
The Hex color **251480** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6F8014**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6143B6**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **1A0780**, and if you desaturate by 10%, it is **302180**.

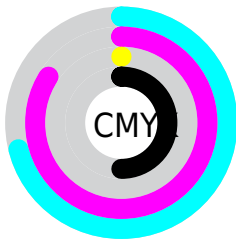
# Distribution



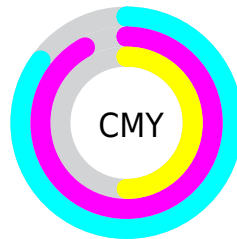
- Red (15%)
- Green (8%)
- Blue (50%)



- Red (15%)
- Yellow (8%)
- Blue (50%)



- Cyan (71%)
- Magenta (84%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (92%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 251480 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 251480 by changing the saturation by 10% instead.



 251480

 251480

FFFEFF

 000066

 6143B6

 00004D

 7D5BD2

 000536

 9975EF

 00021F

 B68FFF

 000003

 D3A9FF

 000000

 F1C5FF

 FFE1FF

 251480

 251480

■ 1A0780

■ 302180

■ 140080

■ 3B2E80

■ 453A80

■ 504780

■ 5B5480

■ 666180

■ 706E80

■ 7B7A80

■ 868780

# Harmonies

## Analogous

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



003294



251480



6A0056

# Triad

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



251480



561400



003D34

# Complementary

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



251480



6F8014

# 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.



003B00



251480



2E2D00

# Square

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



251480



710000



003700



003D67

# Rectangle

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



251480



790035



003700



003C23



# Sweetspot

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



251480



837CA6



147080



3F3B54



D4D4D4



545454



# Same Dimension

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



251480



1A00A6



5A1480



3A3940



140080



000000



# Inverse Universe

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



80146F



A6008C



3A8014



40393F



80006B

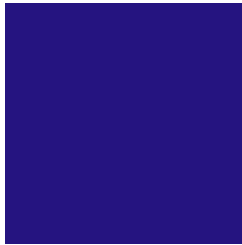


000000



# Previews

## White Background



This preview shows how the Hex color 251480 looks on a white background.

## Color Contrast Check

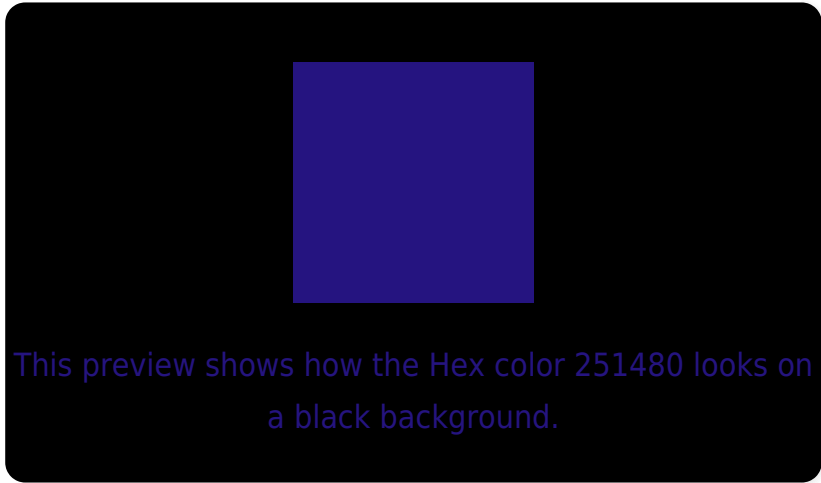
Large Text (above 18pt) WCAG AA ✓ Pass

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

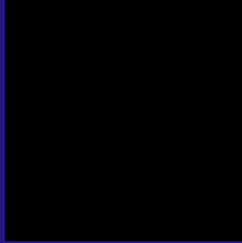
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 251480 Background



This preview shows how black text looks on a background with the Hex color 251480.



This preview shows how white text looks on a background with the Hex color 251480.

# 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**  
251480

**Protanopia**  
002B5A

**Deuteranopia**  
002E4D



# Trichromacy



**Original Color**  
251480

**Protanomaly**  
0D2368

**Deuteranomaly**  
0D2560

**Tritanomaly**  
0D2750

# Monochromacy



**Original Color**  
251480

**Achromatopsia**  
252525

**Achromatomaly**  
251F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 251480 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 #251480 looks like.

```
.text, #text, p{  
    color:#251480  
}
```

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 #251480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251480
}
```

## Border

The CSS property to change the border of an element to Hex 251480 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".

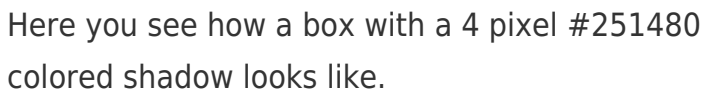
```
.border, #border, table{ border:4px solid
#251480 }
```

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

```
.border{ border-color:#251480 }
```

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

Here you see how a box with a 4 pixel #251480 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251480; -webkit-box-shadow:4px 4px  
4px 4px #251480; box-shadow:4px 4px 4px  
4px #251480 }
```

# Background

The CSS property to change the background color of an element to Hex 251480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251480 }
```

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

```
.background{ background-color:#251480 }
```

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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