

# Converting Colors

Hex(240577)

Have a look what the booklet for  
Hex(240577) contains.

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# Color

**Hex(240577)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	240577
RGB	36, 5, 119
RGB Percent	14%, 2%, 47%
CMY	0.8588, 0.9804, 0.5333
CMYK	0.70, 0.96, 0.00, 0.53
HSL	256°, 92%, 24%
HSV	256°, 96%, 47%
XYZ	4.1116, 1.8155, 17.5865
YIQ	27.2650, -18.1180, 42.0260

# Conversions

## Conversions Part 2

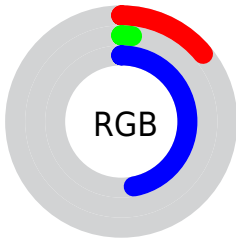
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 5, 119
Decimal	2360695
CIELab	14.49, 44.11, -56.35
CIELCh	14, 71.563, 308.050
Yxy	1.8155, 0.1749, 0.0772
Android (android.graphics.Color)	4280550775 (0xFF240577)
YUV	27.2650, 45.2254, 7.6606
Hunter-Lab	13.4741, 30.8892, -67.9537

# Details

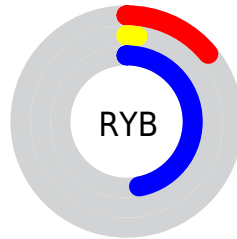
The Hex color **240577** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **587705**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **5F38AC**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **200077**, and if you desaturate by 10%, it is **2D1177**.

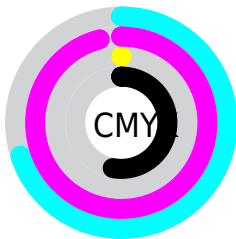
# Distribution



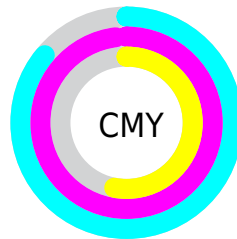
- Red (14%)
- Green (2%)
- Blue (47%)



- Red (14%)
- Yellow (2%)
- Blue (47%)



- Cyan (70%)
- Magenta (96%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (98%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 240577 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 240577 by changing the saturation by 10% instead.



 240577

 240577

 FFF2FF

 00005E

 5F38AC

 000045

 7B50C8

 00032E

 9769E5

 000118

 B483FF

 000000

 D19EFF

 EEB9FF

 FFD5FF

 240577

 240577

■ 200077

■ 2D1177

■ 351D77

■ 3E2977

■ 473577

■ 4F4177

■ 584C77

■ 615877

■ 696477

■ 727077

# Harmonies

## Analogous

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



002B8D



240577



65004C

# Triad

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



240577



4B0F00



003532

# Complementary

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



240577



587705

# 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.



003400



240577



222800

# Square

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



240577



670000



003000



003764

# Rectangle

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



240577



72002B



003000



003420



# Sweetspot

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



240577



7B6E9C



055977



3B334F



CFCFCF



4F4F4F



# Same Dimension

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



240577



2A009C



5C0577



36353B



21007A



4400FA



# Inverse Universe

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



770558



9C0071



207705



3B3539



7A0059

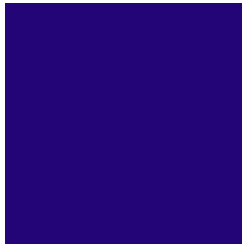


FA00B6



# Previews

## White Background



This preview shows how the Hex color 240577 looks on a white background.

## Color Contrast Check

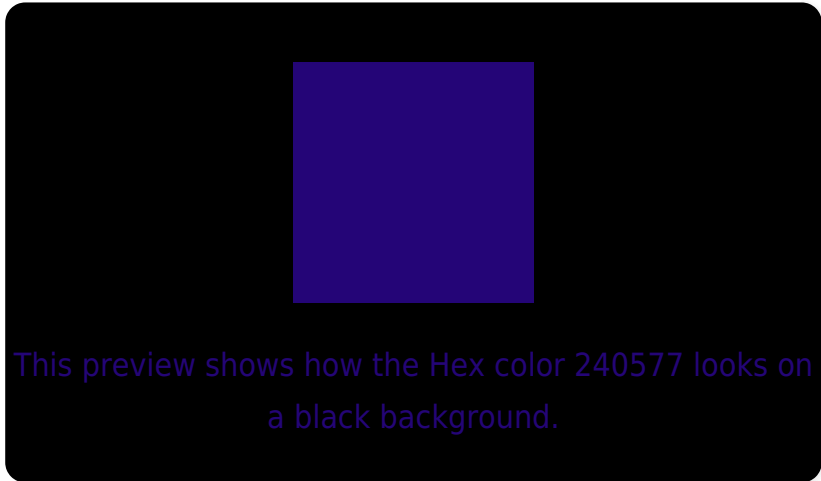
Large Text (above 18pt) WCAG AA ✓ Pass

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

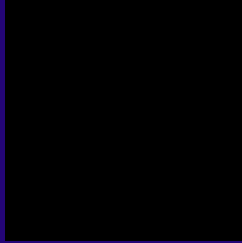
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 240577 Background



This preview shows how black text looks on a background with the Hex color 240577.



This preview shows how white text looks on a background with the Hex color 240577.

# 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**  
240577

**Protanopia**  
002650

**Deuteranopia**  
002944



# Trichromacy



**Original Color**  
240577

**Protanomaly**  
0D1A5E

**Deuteranomaly**  
0D1C57

**Tritanomaly**  
0D1E49

# Monochromacy



**Original Color**  
240577

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
1E133C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 240577 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 #240577 looks like.

```
.text, #text, p{  
    color:#240577  
}
```

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 #240577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240577
}
```

## Border

The CSS property to change the border of an element to Hex 240577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

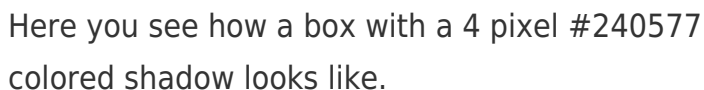
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240577 }
```

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

```
.border{ border-color:#240577 }
```

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



Here you see how a box with a 4 pixel #240577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240577; -webkit-box-shadow:4px 4px  
4px 4px #240577; box-shadow:4px 4px 4px  
4px #240577 }
```

# Background

The CSS property to change the background color of an element to Hex 240577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240577 }
```

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

```
.background{ background-color:#240577 }
```

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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