

# Converting Colors

Hex(240BC7)

Have a look what the booklet for  
Hex(240BC7) contains.

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# Color

Hex(240BC7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	240BC7
RGB	36, 11, 199
RGB Percent	14%, 4%, 78%
CMY	0.8588, 0.9569, 0.2196
CMYK	0.82, 0.94, 0.00, 0.22
HSL	248°, 90%, 41%
HSV	248°, 94%, 78%
XYZ	11.1560, 4.7379, 54.3594
YIQ	39.9070, -45.4480, 63.7680

# Conversions

## Conversions Part 2

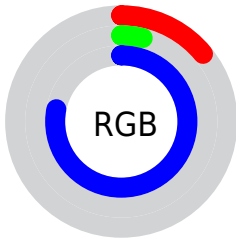
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 11, 199
Decimal	2362311
CIELab	25.97, 63.88, -86.29
CIELCh	26, 107.364, 306.514
Yxy	4.7379, 0.1588, 0.0674
Android (android.graphics.Color)	4280552391 (0xFF240BC7)
YUV	39.9070, 78.4328, -3.4264
Hunter-Lab	21.7668, 53.3938, -132.8313

# Details

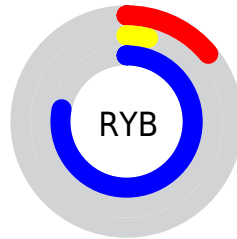
The Hex color **240BC7** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **AEC70B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7345FF**, and **00008F** is the 20% darker color. If you saturate the color by 10%, you get **1A00C7**, and if you desaturate by 10%, it is **351FC7**.

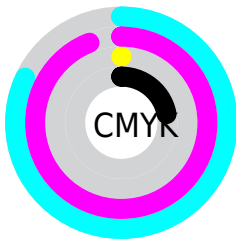
# Distribution



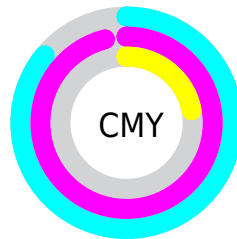
- Red (14%)
- Green (4%)
- Blue (78%)



- Red (14%)
- Yellow (4%)
- Blue (78%)



- Cyan (82%)
- Magenta (94%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (96%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 240BC7 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 240BC7 by changing the saturation by 10% instead.



 240BC7

 240BC7

FFFFFF

 0000AB

 7345FF

 00008F

 935FFF

 000075

 B27AFF

 000B5B

 D195FF

 000742


 F1B0FF

 00032B

 FFCDFE

 000115

 FFE9FF

 000000

 240BC7

 240BC7

■ 1A00C7

■ 351FC7

■ 4733C7

■ 5847C7

■ 695BC7

■ 7A6FC7

■ 8C82C7

■ 9D96C7

■ AEAAC7

■ BFBEC7

# Harmonies

## Analogous

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



004AEA



240BC7



A20081

# Triad

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



240BC7



7C1300



00554F

# Complementary

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



240BC7



AEC70B

# 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.



005300



240BC7



3C4100

# Square

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



240BC7



A90000



004E00



0058A1

# Rectangle

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



240BC7



B9004B



004E00



005432



# Sweetspot

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



240BC7



C1B8FF



0BB1C7



5A5480



000000



808080



# Same Dimension

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



240BC7



2200FF



7F0BC7



5B5A63



1600A3



050024



# Inverse Universe

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



C70BAE



FF00DD



53C70B



635A62



A3008D

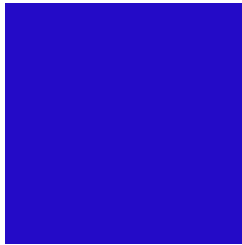


24001F



# Previews

## White Background



This preview shows how the Hex color 240BC7 looks on a white background.

## Color Contrast Check

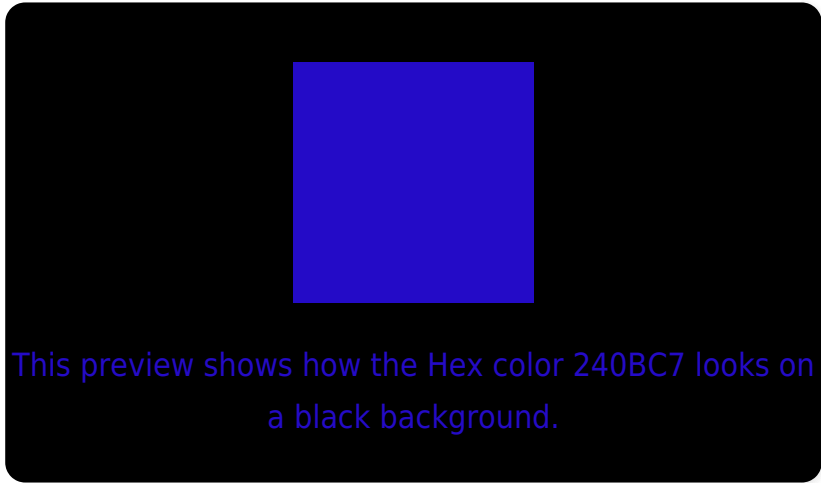
Large Text (above 18pt) WCAG AA ✓ Pass

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

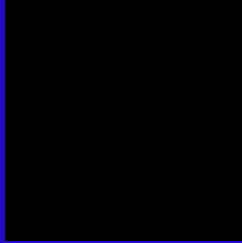
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 240BC7 Background



This preview shows how black text looks on a background with the Hex color 240BC7.



This preview shows how white text looks on a background with the Hex color 240BC7.

# 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





# Trichromacy



**Original Color**  
240BC7

**Protanomaly**  
0D2A99

**Deuteranomaly**  
0D2D8C

**Tritanomaly**  
0D3177

# Monochromacy



**Original Color**  
240BC7

**Achromatopsia**  
282828

**Achromatomaly**  
271D62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 240BC7 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 #240BC7 looks like.

```
.text, #text, p{  
    color:#240BC7  
}
```

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 #240BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240BC7
}
```

## Border

The CSS property to change the border of an element to Hex 240BC7 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".

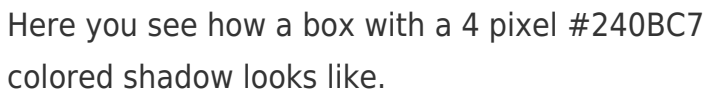
```
.border, #border, table{ border:4px solid
#240BC7 }
```

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

```
.border{ border-color:#240BC7 }
```

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

Here you see how a box with a 4 pixel #240BC7 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240BC7; -webkit-box-shadow:4px 4px  
4px 4px #240BC7; box-shadow:4px 4px 4px  
4px #240BC7 }
```

# Background

The CSS property to change the background color of an element to Hex 240BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240BC7 }
```

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

```
.background{ background-color:#240BC7 }
```

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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