

Converting Colors

Hex(240A39)

Have a look what the booklet for
Hex(240A39) contains.

Hex(240A39)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(240A39)

Conversions

Conversions Part 1

Format	Color
Hex	240A39
RGB	36, 10, 57
RGB Percent	14%, 4%, 22%
CMY	0.8588, 0.9608, 0.7765
CMYK	0.37, 0.82, 0.00, 0.78
HSL	273°, 70%, 13%
HSV	273°, 82%, 22%
XYZ	1.5746, 0.8876, 3.9592
YIQ	23.1320, 0.4090, 20.1290

Conversions

Conversions Part 2

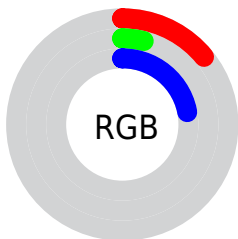
Format	Color
RYB	36, 10, 57
Decimal	2361913
CIELab	8.02, 23.94, -24.85
CIELCh	8, 34.506, 313.931
Yxy	0.8876, 0.2452, 0.1382
Android (android.graphics.Color)	4280551993 (0xFF240A39)
YUV	23.1320, 16.6969, 11.2852
Hunter-Lab	9.4210, 13.3474, -18.3221

Details

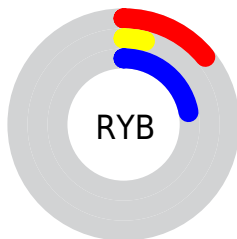
The Hex color **240A39** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F390A**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **533669**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **210439**, and if you desaturate by 10%, it is **271039**.

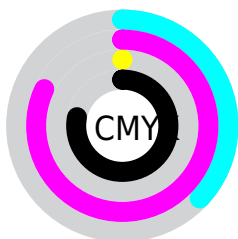
Distribution



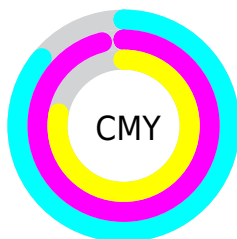
- Red (14%)
- Green (4%)
- Blue (22%)



- Red (14%)
- Yellow (4%)
- Blue (22%)



- Cyan (37%)
- Magenta (82%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (96%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240A39 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 240A39 by changing the saturation by 10% instead.

 240A39

 240A39

 FFEBFF

 0D0023

 533669

 00000A

 6C4D82

 000000

 86659C

 A17EB7

 BC99D3

 D8B3EF

 F5CFFF

 240A39

 240A39

■ 210439

■ 271039

■ 200039

■ 291539

■ 2C1B39

■ 2E2139

■ 312739

■ 332C39

■ 363239

■ 383839

■ 3B3D39

Harmonies

Analogous

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



001745



240A39



390025

Triad

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



240A39



291200



002322

Complementary

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



240A39



1F390A

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.



002304



240A39



141A00

Square

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



240A39



370400



002000



002237

Rectangle

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



240A39



3D0016



002000



00231A

Sweetspot

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



240A39



42374A



0A1F39



211B26



A6A6A6



262626

Same Dimension

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



240A39



29014A



390A37



1B191C



33005C



7900DB

Inverse Universe

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



390A1F



4A0121



0A390C



1C191A



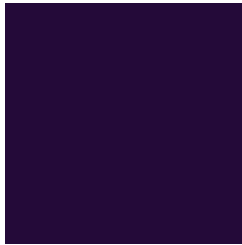
5C0029



DB0062

Previews

White Background



This preview shows how the Hex color 240A39 looks on a white background.

Color Contrast Check

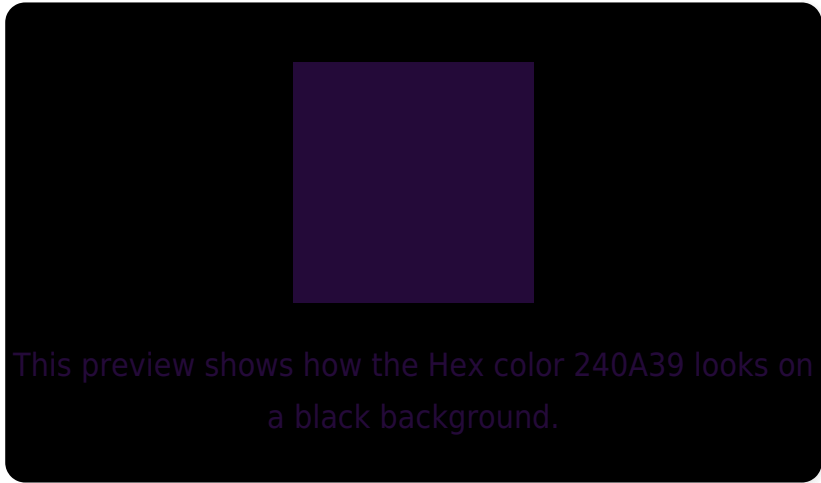
Large Text (above 18pt) WCAG AA ✓ Pass

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

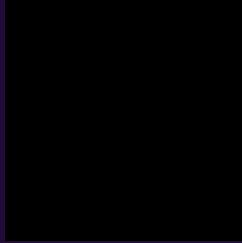
Any Text WCAG AA × Fail

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 240A39 Background



This preview shows how black text looks on a background with the Hex color 240A39.



This preview shows how white text looks on a background with the Hex color 240A39.

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
240A39

Protanopia
001834

Deuteranopia
001A2D



Tritanopia
1E181A

Trichromacy



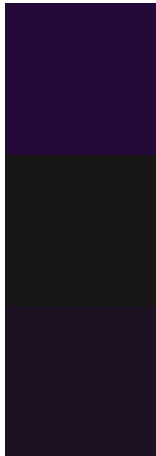
Original Color
240A39

Protanomaly
0D1336

Deuteranomaly
0D1431

Tritanomaly
201325

Monochromacy



Original Color
240A39

Achromatopsia
171717

Achromatomaly
1C1223

CSS Examples

Text

The CSS property to change the color of the text to Hex 240A39 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 #240A39 looks like.

```
.text, #text, p{  
    color:#240A39  
}
```

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 #240A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240A39
}
```

Border

The CSS property to change the border of an element to Hex 240A39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

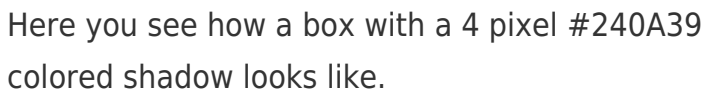
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240A39 }
```

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

```
.border{ border-color:#240A39 }
```

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



Here you see how a box with a 4 pixel #240A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240A39; -webkit-box-shadow:4px 4px  
4px 4px #240A39; box-shadow:4px 4px 4px  
4px #240A39 }
```

Background

The CSS property to change the background color of an element to Hex 240A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240A39 }
```

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

```
.background{ background-color:#240A39 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor