

Converting Colors

Hex(240F49)

Have a look what the booklet for
Hex(240F49) contains.

Hex(240F49)	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(240F49)

Conversions

Conversions Part 1

Format	Color
Hex	240F49
RGB	36, 15, 73
RGB Percent	14%, 6%, 29%
CMY	0.8588, 0.9412, 0.7137
CMYK	0.51, 0.79, 0.00, 0.71
HSL	262°, 66%, 17%
HSV	262°, 79%, 29%
XYZ	2.1010, 1.1978, 6.4238
YIQ	27.8910, -6.1020, 22.4900

Conversions

Conversions Part 2

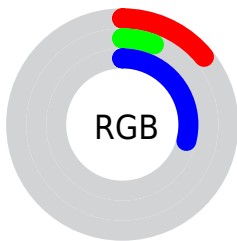
Format	Color
RYB	36, 15, 73
Decimal	2363209
CIELab	10.54, 25.92, -32.10
CIELCh	11, 41.260, 308.925
Yxy	1.1978, 0.2161, 0.1232
Android (android.graphics.Color)	4280553289 (0xFF240F49)
YUV	27.8910, 22.2387, 7.1116
Hunter-Lab	10.9442, 15.1146, -27.1398

Details

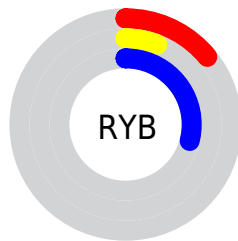
The Hex color **240F49** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **34490F**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **553B7A**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **1F0849**, and if you desaturate by 10%, it is **291649**.

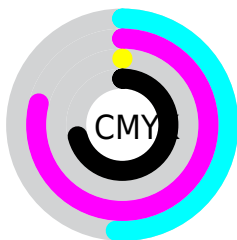
Distribution



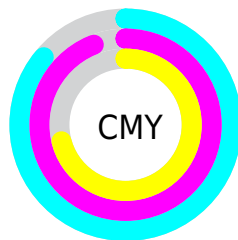
- Red (14%)
- Green (6%)
- Blue (29%)



- Red (14%)
- Yellow (6%)
- Blue (29%)



- Cyan (51%)
- Magenta (79%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (94%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240F49 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 240F49 by changing the saturation by 10% instead.

■ 240F49

■ 240F49

■ FFF2FF

■ 130032

■ 553B7A

■ 00021C

■ 6E5294

■ 000000

■ 896BAF

■ A484CB

■ BF9FE7

■ DBBAFF

■ F8D5FF

■ 240F49

■ 240F49

■ 1F0849

■ 291649

■ 1B0049

■ 2D1E49

■ 1A0049

■ 322549

■ 372C49

■ 3B3349

■ 403B49

■ 454249

■ 494949

■ 4E5149

Harmonies

Analogous

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



001E55



240F49



420031

Triad

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



240F49



341300



002924

Complementary

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



240F49



34490F

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.



002800



240F49



1D1E00

Square

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



240F49



450000



002400



002840

Rectangle

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



240F49



4A001F



002400



00291B

Sweetspot

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



240F49



50485E



0F3549



272230



B0B0B0



303030

Same Dimension

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



240F49



25055E



400F49



212024



240063



5200E3

Inverse Universe

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



490F34



5E053E



18490F



242022



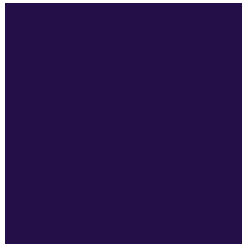
63003F



E30091

Previews

White Background



This preview shows how the Hex color 240F49 looks on a white background.

Color Contrast Check

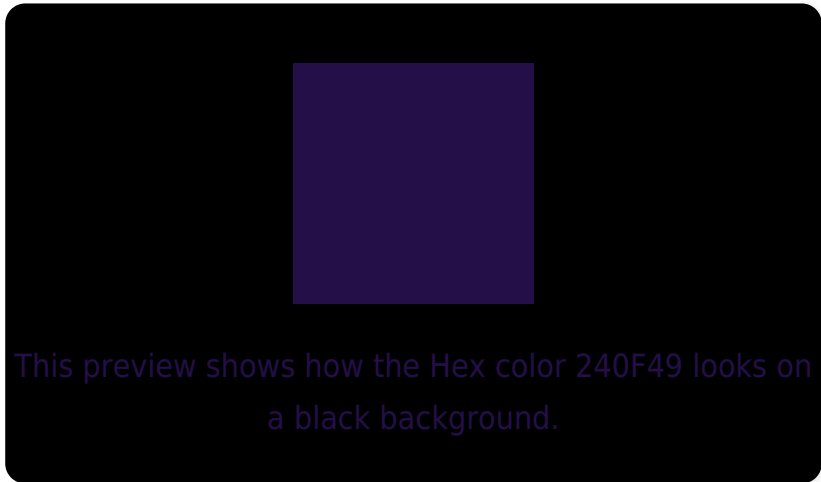
Large Text (above 18pt) WCAG AA ✓ Pass

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

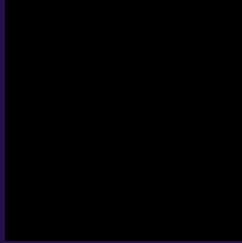
Any Text WCAG AA × Fail

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 240F49 Background



This preview shows how black text looks on a background with the Hex color 240F49.



This preview shows how white text looks on a background with the Hex color 240F49.

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
240F49

Protanopia
001D3D

Deuteranopia
001F34



Tritanopia
181F21

Trichromacy



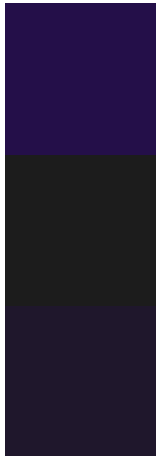
Original Color
240F49

Protanomaly
0D1841

Deuteranomaly
0D193C

Tritanomaly
1C1930

Monochromacy



Original Color
240F49

Achromatopsia
1C1C1C

Achromatomaly
1F172C

CSS Examples

Text

The CSS property to change the color of the text to Hex 240F49 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 #240F49 looks like.

```
.text, #text, p{  
    color:#240F49  
}
```

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 #240F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240F49
}
```

Border

The CSS property to change the border of an element to Hex 240F49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

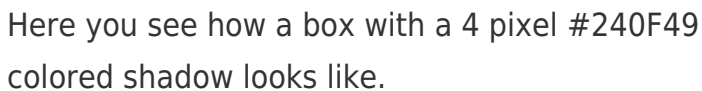
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240F49 }
```

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

```
.border{ border-color:#240F49 }
```

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



Here you see how a box with a 4 pixel #240F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240F49; -webkit-box-shadow:4px 4px  
4px 4px #240F49; box-shadow:4px 4px 4px  
4px #240F49 }
```

Background

The CSS property to change the background color of an element to Hex 240F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240F49 }
```

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

```
.background{ background-color:#240F49 }
```

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