

# Converting Colors

Hex(240F3C)

Have a look what the booklet for  
Hex(240F3C) contains.

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# Color

Hex(240F3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	240F3C
RGB	36, 15, 60
RGB Percent	14%, 6%, 24%
CMY	0.8588, 0.9412, 0.7647
CMYK	0.40, 0.75, 0.00, 0.76
HSL	268°, 60%, 15%
HSV	268°, 75%, 24%
XYZ	1.7140, 1.0430, 4.3859
YIQ	26.4090, -1.9290, 18.4470

# Conversions

## Conversions Part 2

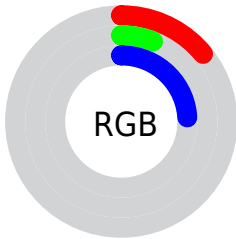
Format	Color
<b>RYB</b>	36, 15, 60
Decimal	2363196
CIELab	9.34, 21.87, -24.86
CIELCh	9, 33.115, 311.343
Yxy	1.0430, 0.2400, 0.1460
Android (android.graphics.Color)	4280553276 (0xFF240F3C)
YUV	26.4090, 16.5604, 8.4113
Hunter-Lab	10.2125, 12.0860, -18.3143

# Details

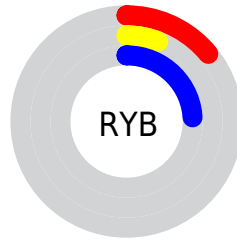
The Hex color **240F3C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **273C0F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **533A6C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **21093C**, and if you desaturate by 10%, it is **27153C**.

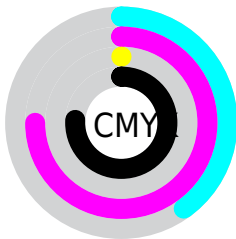
# Distribution



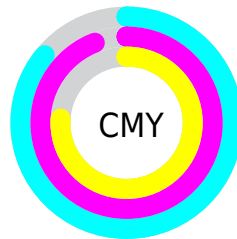
- Red (14%)
- Green (6%)
- Blue (24%)



- Red (14%)
- Yellow (6%)
- Blue (24%)



- Cyan (40%)
- Magenta (75%)
- Yellow (0%)
- Black (76%)



- Cyan (86%)
- Magenta (94%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 240F3C 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 240F3C by changing the saturation by 10% instead.



 240F3C

 240F3C

 FFF1FF

 120026

 533A6C

 00010F

 6C5285

 000000

 866AA0

 A083BB

 BC9ED6

 D8B9F3

 F4D4FF

 240F3C

 240F3C

■ 21093C

■ 27153C

■ 1E033C

■ 2A1B3C

■ 1C003C

■ 2E213C

■ 31273C

■ 342D3C

■ 37333C

■ 3A393C

■ 3E3F3C

■ 41453C

# Harmonies

## Analogous

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



001A46



240F3C



3A0029

# Triad

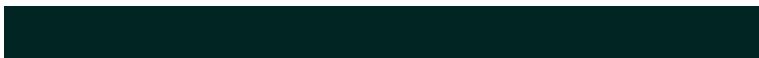
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240F3C



2D1400



002522

# Complementary

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



240F3C



273C0F

# 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.



002407



240F3C



1B1C00

# Square

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



240F3C



3B0600



002100



002437

# Rectangle

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



240F3C



3F001A



002100



00251A



# Sweetspot

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



240F3C



453D4F



0F273C



231D29



A8A8A8



292929



# Same Dimension

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



240F3C



29084F



3B0F3C



1D1C1F



2C005E



6800DE



# Inverse Universe

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



3C0F27



4F082E



103C0F



1F1C1D



5E0032

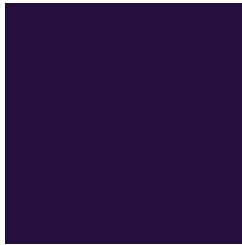


DE0076



# Previews

## White Background



This preview shows how the Hex color 240F3C looks on a white background.

## Color Contrast Check

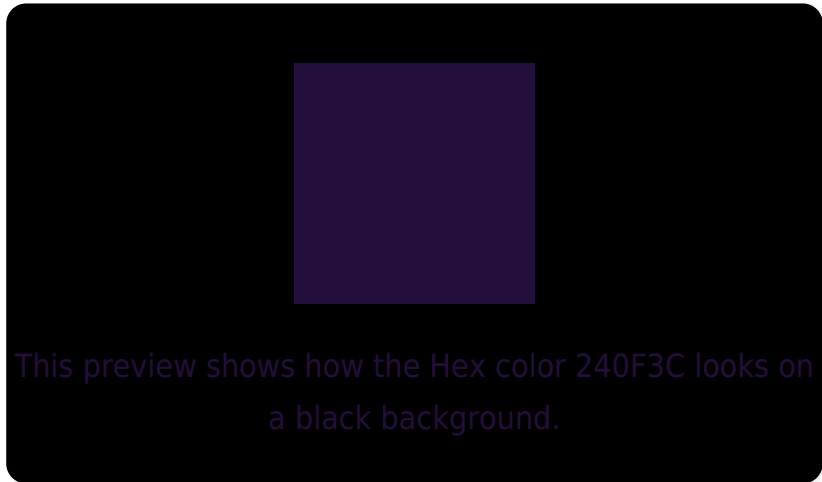
Large Text (above 18pt) WCAG AA ✓ Pass

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

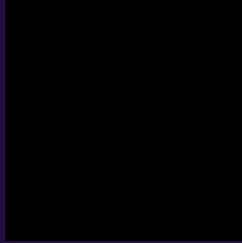
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 240F3C Background



This preview shows how black text looks on a background with the Hex color 240F3C.



This preview shows how white text looks on a background with the Hex color 240F3C.

# 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**  
240F3C

**Protanopia**  
001A38

**Deuteranopia**  
001C30



**Tritanopia**  
1D1B1D

# Trichromacy



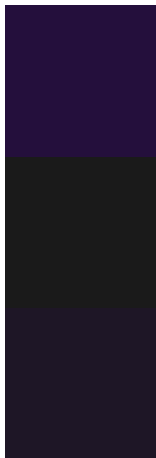
**Original Color**  
240F3C

**Protanomaly**  
0D1639

**Deuteranomaly**  
0D1734

**Tritanomaly**  
201728

# Monochromacy



**Original Color**  
240F3C

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
1E1626

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 240F3C 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 #240F3C looks like.

```
.text, #text, p{  
    color:#240F3C  
}
```

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 #240F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240F3C
}
```

## Border

The CSS property to change the border of an element to Hex 240F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

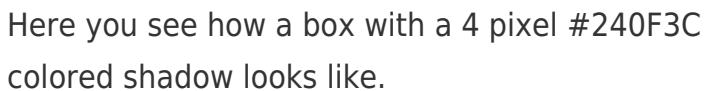
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240F3C }
```

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

```
.border{ border-color:#240F3C }
```

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



Here you see how a box with a 4 pixel #240F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240F3C; -webkit-box-shadow:4px 4px  
4px 4px #240F3C; box-shadow:4px 4px 4px  
4px #240F3C }
```

# Background

The CSS property to change the background color of an element to Hex 240F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240F3C }
```

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

```
.background{ background-color:#240F3C }
```

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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