

Converting Colors

Hex(240F34)

Have a look what the booklet for
Hex(240F34) contains.

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Color

Hex(240F34)

Conversions

Conversions Part 1

Format	Color
Hex	240F34
RGB	36, 15, 52
RGB Percent	14%, 6%, 20%
CMY	0.8588, 0.9412, 0.7961
CMYK	0.31, 0.71, 0.00, 0.80
HSL	274°, 55%, 13%
HSV	274°, 71%, 20%
XYZ	1.5182, 0.9646, 3.3550
YIQ	25.4970, 0.6390, 15.9590

Conversions

Conversions Part 2

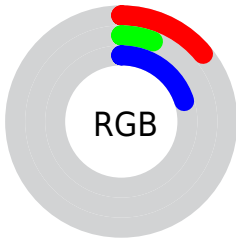
Format	Color
R_YB	36, 15, 52
Decimal	2363188
CIE Lab	8.69, 19.48, -20.13
CIE LCh	9, 28.013, 314.073
Yxy	0.9646, 0.2601, 0.1652
Android (android.graphics.Color)	4280553268 (0xFF240F34)
YUV	25.4970, 13.0660, 9.2111
Hunter-Lab	9.8217, 10.4043, -13.3778

Details

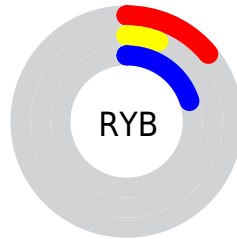
The Hex color **240F34** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F340F**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **523A63**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **220A34**, and if you desaturate by 10%, it is **261434**.

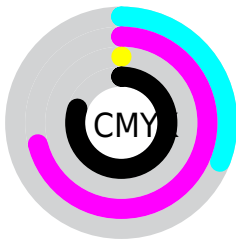
Distribution



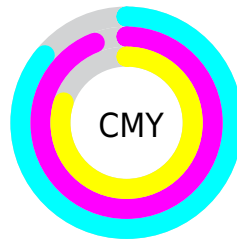
- Red (14%)
- Green (6%)
- Blue (20%)



- Red (14%)
- Yellow (6%)
- Blue (20%)



- Cyan (31%)
- Magenta (71%)
- Yellow (0%)
- Black (80%)



- Cyan (86%)
- Magenta (94%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240F34 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 240F34 by changing the saturation by 10% instead.

 240F34

 240F34

 FFF0FF

 0F001F

 523A63

 000002

 6B517C

 000000

 856996

 9F83B1

 BA9DCC

 D6B8E8

 F3D4FF

 240F34

 240F34

■ 220A34

■ 261434

■ 200534

■ 281934

■ 1E0034

■ 2B1F34

■ 2D2434

■ 2F2934

■ 312E34

■ 343334

■ 363934

■ 383E34

Harmonies

Analogous

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



00183E



240F34



350424

Triad

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



240F34



291400



002221

Complementary

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



240F34



1F340F

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.



00220C



240F34



191B00

Square

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



240F34



350A00



001F00



002133

Rectangle

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



240F34



390217



001F00



00221B

Sweetspot

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



240F34



3F3645



0F1F34



201B24



A3A3A3



242424

Same Dimension

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



240F34



2C0A45



340F32



18171A



330059



7B00D9

Inverse Universe

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



340F1F



450A24



0F3411



1A1718



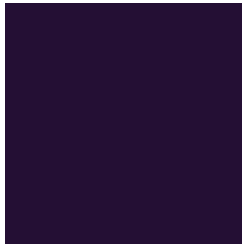
590027



D9005E

Previews

White Background



This preview shows how the Hex color 240F34 looks on a white background.

Color Contrast Check

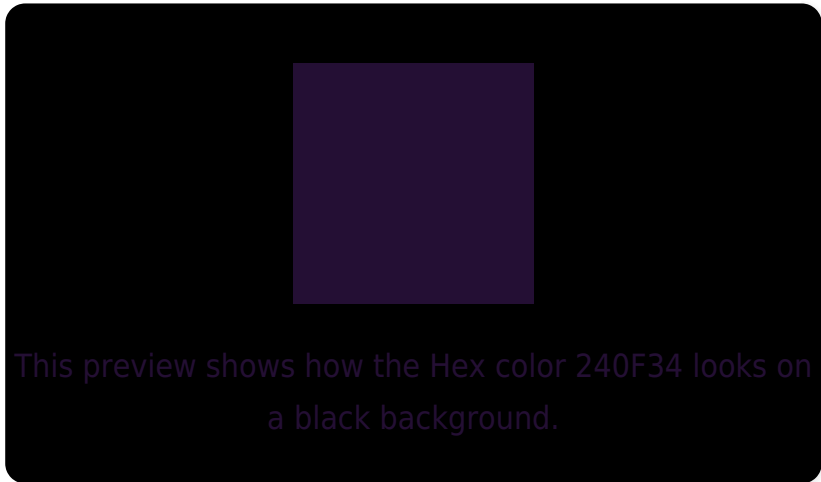
Large Text (above 18pt) WCAG AA ✓ Pass

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

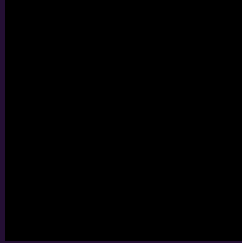
Any Text WCAG AA × Fail

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 240F34 Background



This preview shows how black text looks on a background with the Hex color 240F34.



This preview shows how white text looks on a background with the Hex color 240F34.

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
240F34

Protanopia
001935

Deuteranopia
001B2E



Tritanopia
1F181A

Trichromacy



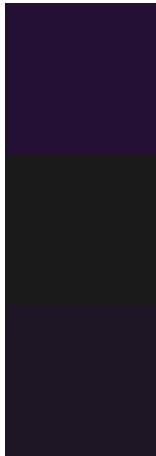
Original Color
240F34

Protanomaly
0D1535

Deuteranomaly
0D1730

Tritanomaly
211523

Monochromacy



Original Color
240F34

Achromatopsia
191919

Achromatomaly
1D1523

CSS Examples

Text

The CSS property to change the color of the text to Hex 240F34 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 #240F34 looks like.

```
.text, #text, p{  
    color:#240F34  
}
```

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 #240F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240F34
}
```

Border

The CSS property to change the border of an element to Hex 240F34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

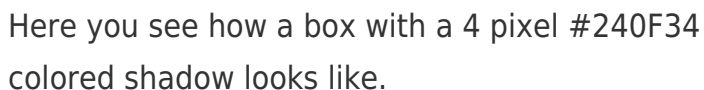
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240F34 }
```

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

```
.border{ border-color:#240F34 }
```

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



Here you see how a box with a 4 pixel #240F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240F34; -webkit-box-shadow:4px 4px  
4px 4px #240F34; box-shadow:4px 4px 4px  
4px #240F34 }
```

Background

The CSS property to change the background color of an element to Hex 240F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240F34 }
```

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

```
.background{ background-color:#240F34 }
```

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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