

Converting Colors

Hex(240B70)

Have a look what the booklet for
Hex(240B70) contains.

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Color

Hex(240B70)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 240B70 |
| RGB | 36, 11, 112 |
| RGB Percent | 14%, 4%, 44% |
| CMY | 0.8588, 0.9569, 0.5608 |
| CMYK | 0.68, 0.90, 0.00, 0.56 |
| HSL | 255°, 82%, 24% |
| HSV | 255°, 90%, 44% |
| XYZ | 3.7719, 1.7843, 15.4748 |
| YIQ | 29.9890, -17.5210, 36.7110 |

Conversions

Conversions Part 2

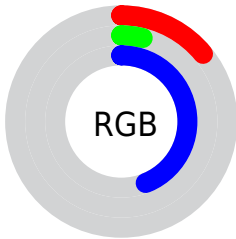
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 36, 11, 112 |
| Decimal | 2362224 |
| CIE _{Lab} | 14.31, 39.89, -52.11 |
| CIE _{LCh} | 14, 65.627, 307.435 |
| Yxy | 1.7843, 0.1793, 0.0848 |
| Android (android.graphics.Color) | 4280552304 (0xFF240B70) |
| YUV | 29.9890, 40.4314, 5.2716 |
| Hunter-Lab | 13.3576, 27.0280, -59.3372 |

Details

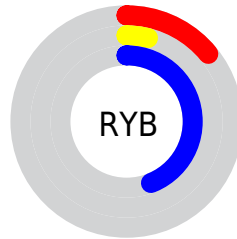
The Hex color **240B70** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **57700B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **5D3BA5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **1C0070**, and if you desaturate by 10%, it is **2C1670**.

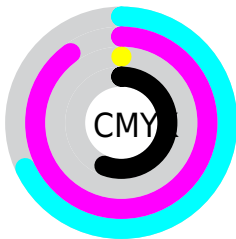
Distribution



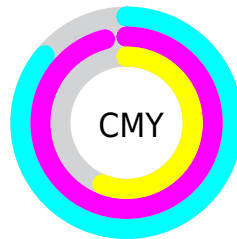
- Red (14%)
- Green (4%)
- Blue (44%)



- Red (14%)
- Yellow (4%)
- Blue (44%)



- Cyan (68%)
- Magenta (90%)
- Yellow (0%)
- Black (56%)



- Cyan (86%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240B70 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 240B70 by changing the saturation by 10% instead.


 240B70

 240B70

 FFF4FF

 000057

 5D3BA5

 00003F

 7953C0

 000328

 946CDD

 000111

 B186FA

 000000

 CDA0FF

 EBBCFF

 FFD8FF

 240B70

 240B70

■ 1C0070

■ 2C1670

■ 352170

■ 3D2D70

■ 463870

■ 4E4370

■ 574E70

■ 5F5970

■ 676570

■ 707070

Harmonies

Analogous

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



002A84



240B70



5F0049

Triad

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



240B70



491100



00342F

Complementary

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



240B70



57700B

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.



003300



240B70



242700

Square

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



240B70



620000



002F00



00355D

Rectangle

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



240B70



6B002B



002F00



00341F

Sweetspot

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



240B70



746A91



0B5870



38324A



C9C9C9



4A4A4A

Same Dimension

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



240B70



240091



550B70



343238



1E0078



3D00F7

Inverse Universe

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



700B57



91006D



26700B



383237



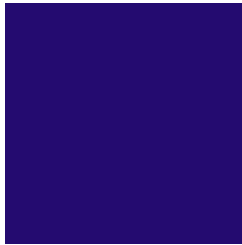
78005A



F700BA

Previews

White Background



This preview shows how the Hex color 240B70 looks on a white background.

Color Contrast Check

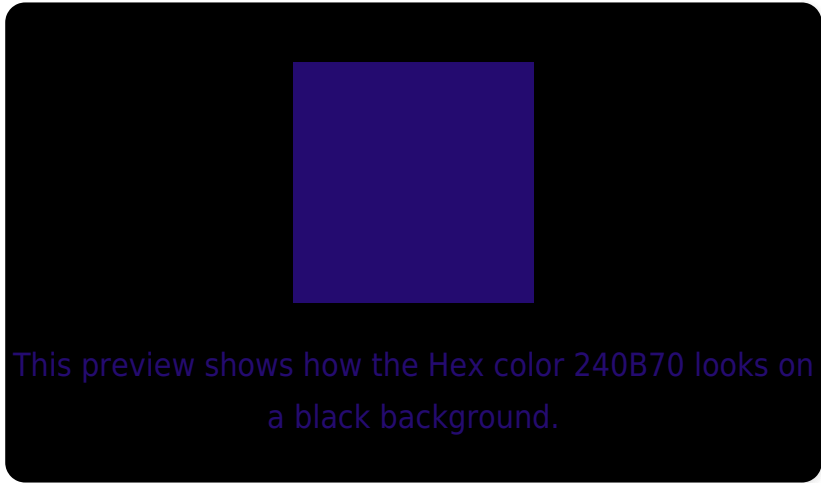
Large Text (above 18pt) WCAG AA ✓ Pass

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

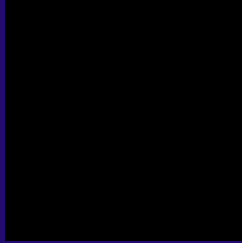
Any Text WCAG AA × Fail

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 240B70 Background



This preview shows how black text looks on a background with the Hex color 240B70.



This preview shows how white text looks on a background with the Hex color 240B70.

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
240B70

Protanopia
00254E

Deuteranopia
002842



Tritanopia
002B2D

Trichromacy



Original Color
240B70

Protanomaly
0D1C5A

Deuteranomaly
0D1D53

Tritanomaly
0D1F45

Monochromacy



Original Color
240B70

Achromatopsia
1E1E1E

Achromatomaly
20173C

CSS Examples

Text

The CSS property to change the color of the text to Hex 240B70 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 #240B70 looks like.

```
.text, #text, p{  
    color:#240B70  
}
```

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 #240B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240B70
}
```

Border

The CSS property to change the border of an element to Hex 240B70 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
#240B70 }
```

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

```
.border{ border-color:#240B70 }
```

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

Here you see how a box with a 4 pixel #240B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240B70; -webkit-box-shadow:4px 4px  
4px 4px #240B70; box-shadow:4px 4px 4px  
4px #240B70 }
```

Background

The CSS property to change the background color of an element to Hex 240B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240B70 }
```

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

```
.background{ background-color:#240B70 }
```

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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