

Converting Colors

Hex(240070)

Have a look what the booklet for
Hex(240070) contains.

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Color

Hex(240070)

Conversions

Conversions Part 1

Format	Color
Hex	240070
RGB	36, 0, 112
RGB Percent	14%, 0%, 44%
CMY	0.8588, 1.0000, 0.5608
CMYK	0.68, 1.00, 0.00, 0.56
HSL	259°, 100%, 22%
HSV	259°, 100%, 44%
XYZ	3.6522, 1.5449, 15.4349
YIQ	23.5320, -14.4960, 42.4640

Conversions

Conversions Part 2

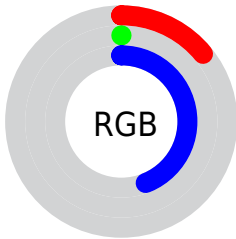
Format	Color
RYB	36, 0, 112
Decimal	2359408
CIELab	12.89, 44.19, -54.47
CIELCh	13, 70.144, 309.053
Yxy	1.5449, 0.1770, 0.0749
Android (android.graphics.Color)	4280549488 (0xFF240070)
YUV	23.5320, 43.6147, 10.9344
Hunter-Lab	12.4295, 30.6975, -64.9257

Details

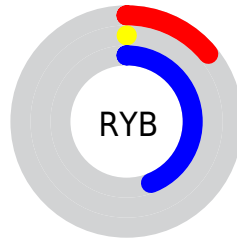
The Hex color **240070** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4C7000**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5E33A5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **240070**, and if you desaturate by 10%, it is **2C0B70**.

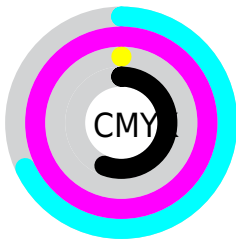
Distribution



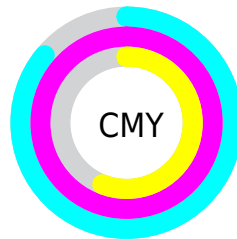
- Red (14%)
- Green (0%)
- Blue (44%)



- Red (14%)
- Yellow (0%)
- Blue (44%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (86%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240070 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 240070 by changing the saturation by 10% instead.

 240070

 240070

 FFEDFF

 000057

 5E33A5

 00003F

 7A4CC1

 000328

 9665DD

 000111

 B27FFA

 000000

 CF99FF

 ECB5FF

 FFD0FF

 240070

■ 2C0B70

■ 331670

■ 3B2270

■ 422D70

■ 4A3870

■ 524370

■ 594E70

■ 615A70

■ 686570

Harmonies

Analogous

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



002787



240070



600045

Triad

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



240070



450E00



003130

Complementary

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



240070



4C7000

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.



002F00



240070



1D2500

Square

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



240070



600000



002D00



003360

Rectangle

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



240070



6C0026



002D00



00301F

Sweetspot

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



240070



746691



004D70



382F4A



C9C9C9



4A4A4A

Same Dimension

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



240070



2F0091



5B0070



343238



270078



5000F7

Inverse Universe

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



70004C



910063



157000



383236



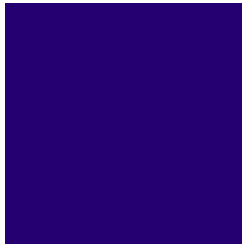
780051



F700A8

Previews

White Background



This preview shows how the Hex color 240070 looks on a white background.

Color Contrast Check

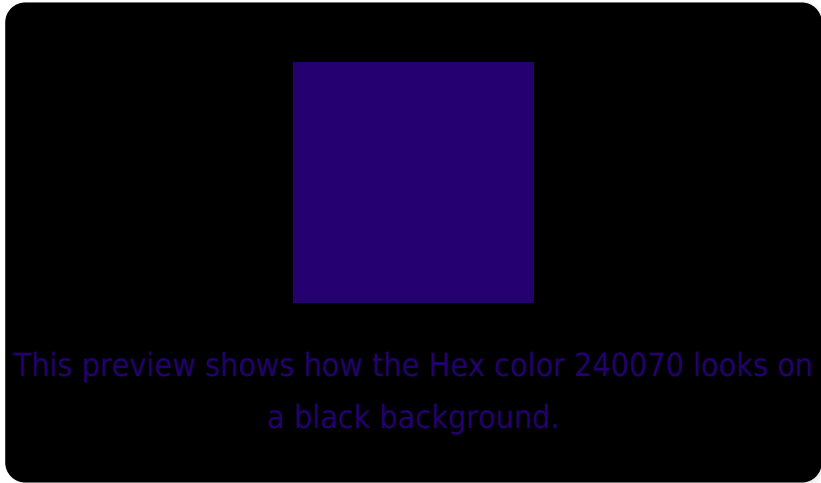
Large Text (above 18pt) WCAG AA ✓ Pass

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

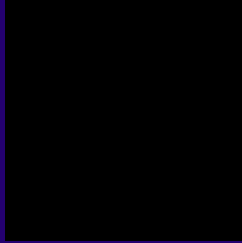
Any Text WCAG AA × Fail

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 240070 Background



This preview shows how black text looks on a background with the Hex color 240070.



This preview shows how white text looks on a background with the Hex color 240070.

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
240070

Protanopia
00244C

Deuteranopia
002741

Trichromacy



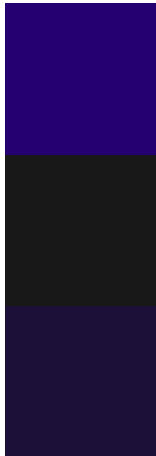
Original Color
240070

Protanomaly
0D1759

Deuteranomaly
0D1952

Tritanomaly
0D1B45

Monochromacy



Original Color
240070

Achromatopsia
181818

Achromatomaly
1C0F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 240070 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 #240070 looks like.

```
.text, #text, p{  
    color:#240070  
}
```

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 #240070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240070
}
```

Border

The CSS property to change the border of an element to Hex 240070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

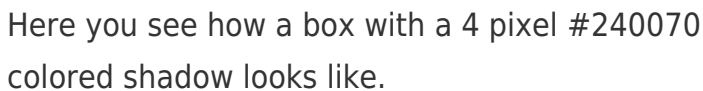
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240070 }
```

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

```
.border{ border-color:#240070 }
```

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



Here you see how a box with a 4 pixel #240070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240070; -webkit-box-shadow:4px 4px  
4px 4px #240070; box-shadow:4px 4px 4px  
4px #240070 }
```

Background

The CSS property to change the background color of an element to Hex 240070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240070 }
```

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

```
.background{ background-color:#240070 }
```

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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