

Converting Colors

Hex(240043)

Have a look what the booklet for
Hex(240043) contains.

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Color

Hex(240043)

Conversions

Conversions Part 1

Format	Color
Hex	240043
RGB	36, 0, 67
RGB Percent	14%, 0%, 26%
CMY	0.8588, 1.0000, 0.7373
CMYK	0.46, 1.00, 0.00, 0.74
HSL	272°, 100%, 13%
HSV	272°, 100%, 26%
XYZ	1.7407, 0.7803, 5.3691
YIQ	18.4020, -0.0510, 28.4690

Conversions

Conversions Part 2

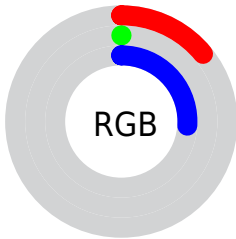
Format	Color
R_{YB}	36, 0, 67
Decimal	2359363
CIE _{Lab}	7.05, 32.45, -33.60
CIE _{LCh}	7, 46.711, 313.999
Yxy	0.7803, 0.2206, 0.0989
Android (android.graphics.Color)	4280549443 (0xFF240043)
YUV	18.4020, 23.9588, 15.4334
Hunter-Lab	8.8335, 19.7152, -29.8532

Details

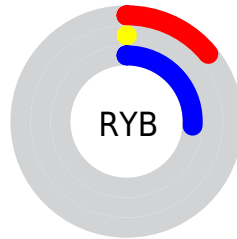
The Hex color **240043** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F4300**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **552D74**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **240043**, and if you desaturate by 10%, it is **270743**.

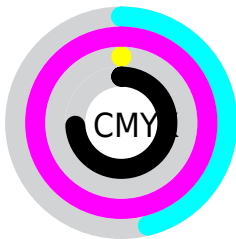
Distribution



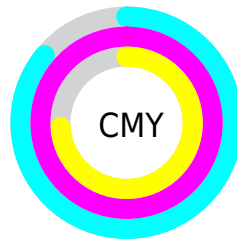
- Red (14%)
- Green (0%)
- Blue (26%)



- Red (14%)
- Yellow (0%)
- Blue (26%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240043 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 240043 by changing the saturation by 10% instead.

 240043

 240043

 FFE3FF

 0C002C

 552D74

 000117

 6F458E

 000000

 895DA8

 A476C4

 C091E0

 DCABFD

 F9C7FF

 240043

■ 270743

■ 2A0D43

■ 2D1443

■ 301B43

■ 332243

■ 372843

■ 3A2F43

■ 3D3643

■ 403C43

Harmonies

Analogous

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



001653



240043



410027

Triad

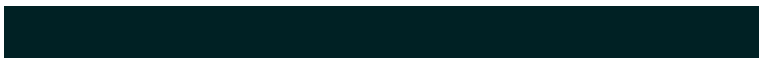
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240043



2A0E00



002124

Complementary

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



240043



1F4300

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.



002000



240043



0A1A00

Square

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



240043



3C0000



002000



002341

Rectangle

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



240043



460013



002000



002119

Sweetspot

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



240043



4B3D57



001F43



241C2B



ABABAB



2B2B2B

Same Dimension

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



240043



2F0057



430041



201E21



340061



7900E0

Inverse Universe

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



43001F



570028



004302



211E1F



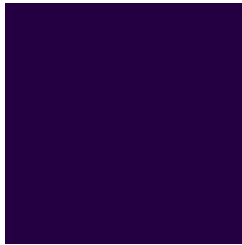
61002D



E00068

Previews

White Background



This preview shows how the Hex color 240043 looks on a white background.

Color Contrast Check

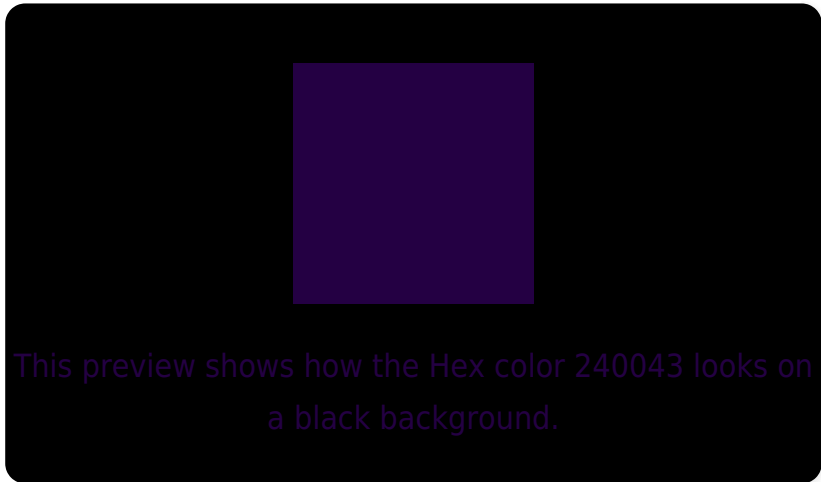
Large Text (above 18pt) WCAG AA ✓ Pass

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

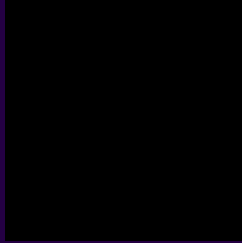
Any Text WCAG AA × Fail

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 240043 Background



This preview shows how black text looks on a background with the Hex color 240043.



This preview shows how white text looks on a background with the Hex color 240043.

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

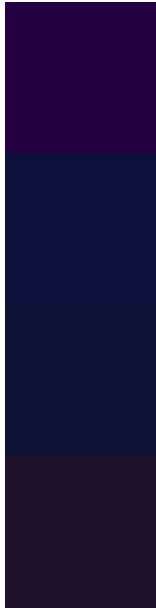


Original Color
240043

Protanopia
001936

Deuteranopia
001B2E

Trichromacy



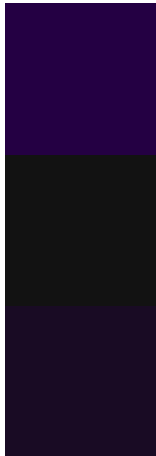
Original Color
240043

Protanomaly
0D103B

Deuteranomaly
0D1136

Tritanomaly
1E112A

Monochromacy



Original Color
240043

Achromatopsia
121212

Achromatomaly
190B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 240043 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 #240043 looks like.

```
.text, #text, p{  
    color:#240043  
}
```

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 #240043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240043  
}
```

Border

The CSS property to change the border of an element to Hex 240043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

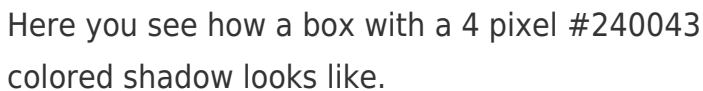
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#240043 }
```

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

```
.border{ border-color:#240043 }
```

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



Here you see how a box with a 4 pixel #240043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240043; -webkit-box-shadow:4px 4px  
4px 4px #240043; box-shadow:4px 4px 4px  
4px #240043 }
```

Background

The CSS property to change the background color of an element to Hex 240043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240043 }
```

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

```
.background{ background-color:#240043 }
```

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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