

Converting Colors

Hex(240944)

Have a look what the booklet for
Hex(240944) contains.

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Color

Hex(240944)

Conversions

Conversions Part 1

Format	Color
Hex	240944
RGB	36, 9, 68
RGB Percent	14%, 4%, 27%
CMY	0.8588, 0.9647, 0.7333
CMYK	0.47, 0.87, 0.00, 0.73
HSL	267°, 77%, 15%
HSV	267°, 87%, 27%
XYZ	1.8686, 0.9878, 5.5610
YIQ	23.7990, -2.8470, 24.0730

Conversions

Conversions Part 2

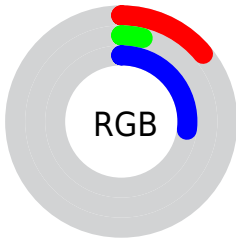
Format	Color
RYB	36, 9, 68
Decimal	2361668
CIELab	8.89, 27.67, -31.29
CIELCh	9, 41.768, 311.481
Yxy	0.9878, 0.2220, 0.1174
Android (android.graphics.Color)	4280551748 (0xFF240944)
YUV	23.7990, 21.7911, 10.7003
Hunter-Lab	9.9388, 16.1675, -26.2171

Details

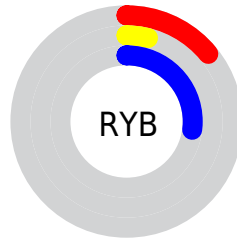
The Hex color **240944** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **294409**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **553675**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **200244**, and if you desaturate by 10%, it is **281044**.

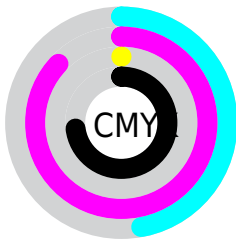
Distribution



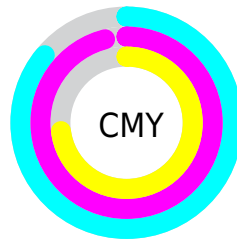
- Red (14%)
- Green (4%)
- Blue (27%)



- Red (14%)
- Yellow (4%)
- Blue (27%)



- Cyan (47%)
- Magenta (87%)
- Yellow (0%)
- Black (73%)



- Cyan (86%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240944 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 240944 by changing the saturation by 10% instead.

 240944

 240944

 FFECFF

 11002E

 553675

 000118

 6E4D8F

 000000

 8865A9

 A37FC5

 BF99E1

 DBB4FE

 F8CFFF

 240944

 240944

■ 200244

■ 281044

■ 1F0044

■ 2B1744

■ 2F1D44

■ 332444

■ 362B44

■ 3A3244

■ 3E3944

■ 423F44

■ 454644

Harmonies

Analogous

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



001A52



240944



40002C

Triad

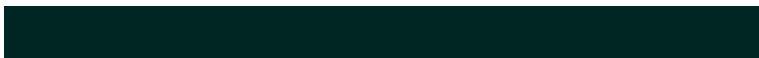
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240944



2F1100



002624

Complementary

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



240944



294409

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.



002500



240944



171C00

Square

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



240944



3F0000



002200



00253E

Rectangle

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



240944



460019



002200



00261A

Sweetspot

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



240944



4D4259



092944



26202E



ADADAD



2E2E2E

Same Dimension

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



240944



290059



410944



1F1E21



2C0061



6700E0

Inverse Universe

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



440929



590030



0C4409



211E20



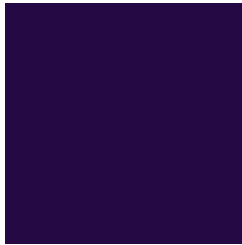
610035



E0007A

Previews

White Background



This preview shows how the Hex color 240944 looks on a white background.

Color Contrast Check

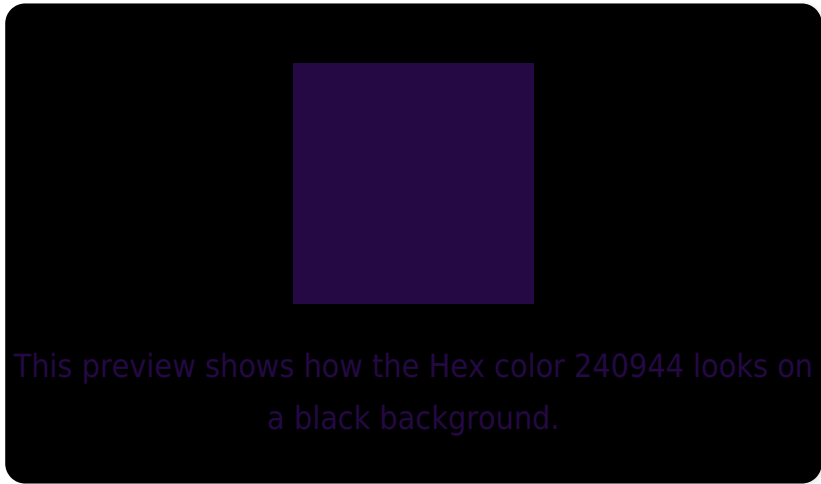
Large Text (above 18pt) WCAG AA ✓ Pass

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

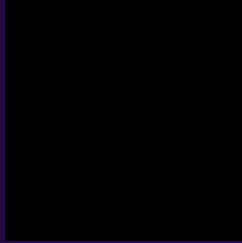
Any Text WCAG AA × Fail

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 240944 Background



This preview shows how black text looks on a background with the Hex color 240944.



This preview shows how white text looks on a background with the Hex color 240944.

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
240944

Protanopia
001A38

Deuteranopia
001C30



Tritanopia
1A1B1E

Trichromacy



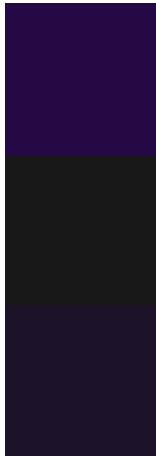
Original Color
240944

Protanomaly
0D143C

Deuteranomaly
0D1537

Tritanomaly
1E142C

Monochromacy



Original Color
240944

Achromatopsia
181818

Achromatomaly
1C1328

CSS Examples

Text

The CSS property to change the color of the text to Hex 240944 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 #240944 looks like.

```
.text, #text, p{  
    color:#240944  
}
```

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 #240944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240944
}
```

Border

The CSS property to change the border of an element to Hex 240944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

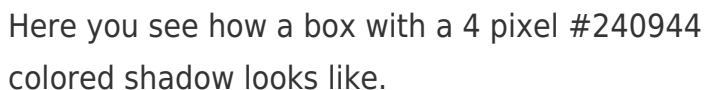
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240944 }
```

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

```
.border{ border-color:#240944 }
```

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



Here you see how a box with a 4 pixel #240944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240944; -webkit-box-shadow:4px 4px  
4px 4px #240944; box-shadow:4px 4px 4px  
4px #240944 }
```

Background

The CSS property to change the background color of an element to Hex 240944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240944 }
```

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

```
.background{ background-color:#240944 }
```

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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