

Converting Colors

Hex(240A63)

Have a look what the booklet for
Hex(240A63) contains.

Hex(240A63)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(240A63)

Conversions

Conversions Part 1

Format	Color
Hex	240A63
RGB	36, 10, 99
RGB Percent	14%, 4%, 39%
CMY	0.8588, 0.9608, 0.6118
CMYK	0.64, 0.90, 0.00, 0.61
HSL	258°, 82%, 21%
HSV	258°, 90%, 39%
XYZ	3.0882, 1.4930, 11.9298
YIQ	27.9200, -13.0730, 33.1910

Conversions

Conversions Part 2

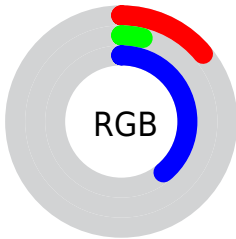
Format	Color
RYB	36, 10, 99
Decimal	2361955
CIELab	12.56, 36.43, -46.45
CIELCh	13, 59.035, 308.104
Yxy	1.4930, 0.1870, 0.0904
Android (android.graphics.Color)	4280552035 (0xFF240A63)
YUV	27.9200, 35.0424, 7.0862
Hunter-Lab	12.2189, 23.7316, -49.3342




Details

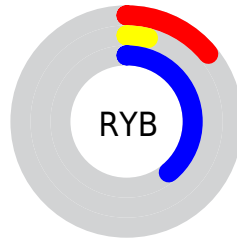
The Hex color **240A63** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **49630A**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **5A3997**, and **000133** is the 20% darker color. If you saturate the color by 10%, you get **1D0063**, and if you desaturate by 10%, it is **2B1463**.

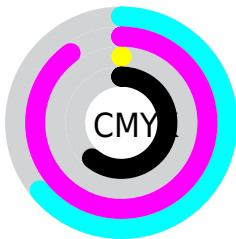
Distribution







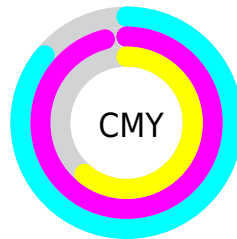
-  Red (14%)
-  Green (4%)
-  Blue (39%)






-  Red (14%)
-  Yellow (4%)
-  Blue (39%)



-  Cyan (64%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (86%)
-  Magenta (96%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240A63 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 240A63 by changing the saturation by 10% instead.

■ 240A63

■ 240A63

■ FFF1FF

■ 06004B

■ 5A3997

■ 000133

■ 7551B2

■ 00021D

■ 906ACE

■ 000000

■ AC83EA

■ C99EFF

■ E6B9FF

■ FFD5FF

■ 240A63

■ 240A63

■ 1D0063

■ 2B1463

■ 321E63

■ 392863

■ 403263

■ 473C63

■ 4E4563

■ 554F63

■ 5C5963

■ 636363

Harmonies

Analogous

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



002575



240A63



550040

Triad

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



240A63



411100



00302B

Complementary

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



240A63



49630A

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



240A63



202300

Square

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



240A63



580000



002B00



003053

Rectangle

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



240A63



600025



002B00



002F1D

Sweetspot

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



240A63



675D80



0A4A63



312B40



BFBFBF



404040

Same Dimension

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



240A63



250080



500A63



2D2C30



210070



4600F0

Inverse Universe

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



630A49



80005A



1D630A



302C2F



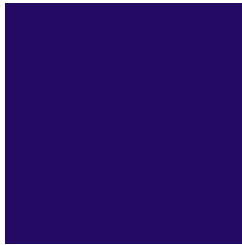
70004F



F000AA

Previews

White Background



This preview shows how the Hex color 240A63 looks on a white background.

Color Contrast Check

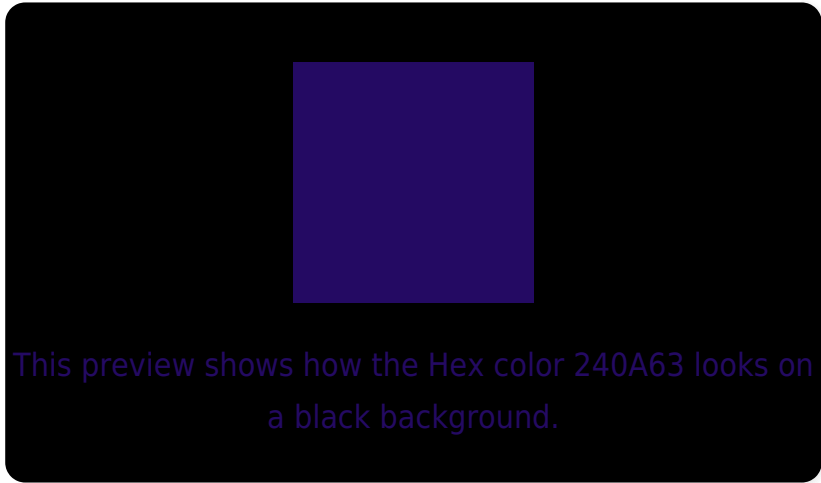
Large Text (above 18pt) WCAG AA ✓ Pass

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

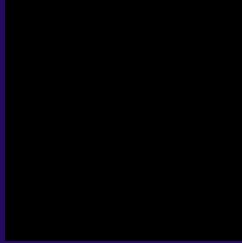
Any Text WCAG AA × Fail

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 240A63 Background



This preview shows how black text looks on a background with the Hex color 240A63.



This preview shows how white text looks on a background with the Hex color 240A63.

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
240A63

Protanopia
002247

Deuteranopia
00243C



Tritanopia
00272A

Trichromacy



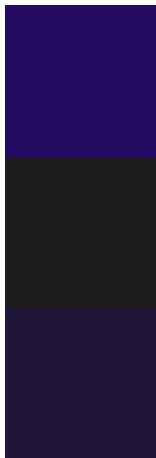
Original Color
240A63

Protanomaly
0D1951

Deuteranomaly
0D1B4A

Tritanomaly
0D1C3F

Monochromacy



Original Color
240A63

Achromatopsia
1C1C1C

Achromatomaly
1F1536

CSS Examples

Text

The CSS property to change the color of the text to Hex 240A63 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 #240A63 looks like.

```
.text, #text, p{  
    color:#240A63  
}
```

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 #240A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240A63
}
```

Border

The CSS property to change the border of an element to Hex 240A63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

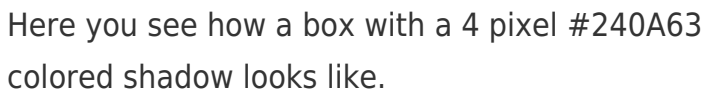
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240A63 }
```

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

```
.border{ border-color:#240A63 }
```

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



Here you see how a box with a 4 pixel #240A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240A63; -webkit-box-shadow:4px 4px  
4px 4px #240A63; box-shadow:4px 4px 4px  
4px #240A63 }
```

Background

The CSS property to change the background color of an element to Hex 240A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240A63 }
```

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

```
.background{ background-color:#240A63 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor