

Converting Colors

Hex(240263)

Have a look what the booklet for
Hex(240263) contains.

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Color

Hex(240263)

Conversions

Conversions Part 1

Format	Color
Hex	240263
RGB	36, 2, 99
RGB Percent	14%, 1%, 39%
CMY	0.8588, 0.9922, 0.6118
CMYK	0.64, 0.98, 0.00, 0.61
HSL	261°, 96%, 20%
HSV	261°, 98%, 39%
XYZ	3.0014, 1.3193, 11.9008
YIQ	23.2240, -10.8730, 37.3750

Conversions

Conversions Part 2

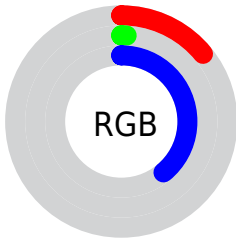
Format	Color
R_{YB}	36, 2, 99
Decimal	2359907
CIE _{Lab}	11.41, 39.89, -48.37
CIE _{LCh}	11, 62.695, 309.516
Yxy	1.3193, 0.1850, 0.0813
Android (android.graphics.Color)	4280549987 (0xFF240263)
YUV	23.2240, 37.3576, 11.2046
Hunter-Lab	11.4862, 26.5417, -53.3898

Details

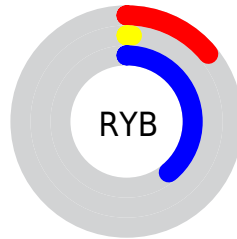
The Hex color **240263** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **416302**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5B3397**, and **000233** is the 20% darker color. If you saturate the color by 10%, you get **230063**, and if you desaturate by 10%, it is **2A0C63**.

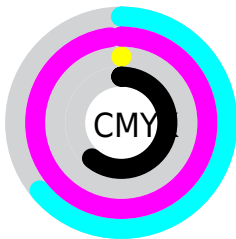
Distribution



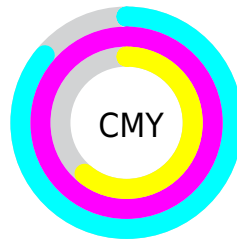
- Red (14%)
- Green (1%)
- Blue (39%)



- Red (14%)
- Yellow (1%)
- Blue (39%)



- Cyan (64%)
- Magenta (98%)
- Yellow (0%)
- Black (61%)



- Cyan (86%)
- Magenta (99%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240263 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 240263 by changing the saturation by 10% instead.

 240263

 240263

 FFECFF

 08004B

 5B3397

 000233

 764BB2

 00021D

 9164CE

 000000

 AD7EEA

 CA98FF

 E7B3FF

 FFCFFF

 240263

 240263

■ 230063

■ 2A0C63

■ 311663

■ 372063

■ 3E2A63

■ 443463

■ 4B3D63

■ 514763

■ 575163

■ 5E5B63

Harmonies

Analogous

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



002377



240263



56003D

Triad

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



240263



3E0E00



002D2C

Complementary

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



240263



416302

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.



002C00



240263



1A2100

Square

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



240263



560000



002900



002F56

Rectangle

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



240263



600021



002900



002C1D

Sweetspot

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



240263



675B80



024163



312940



BFBFBF



404040

Same Dimension

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



240263



2D0080



540263



2D2C30



270070



5400F0

Inverse Universe

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



630241



800053



116302



302C2F



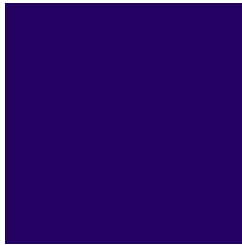
700049



F0009C

Previews

White Background



This preview shows how the Hex color 240263 looks on a white background.

Color Contrast Check

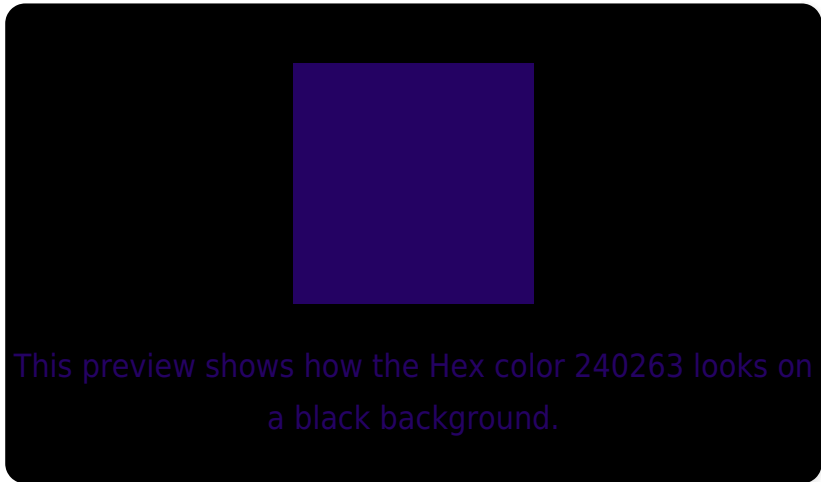
Large Text (above 18pt) WCAG AA ✓ Pass

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

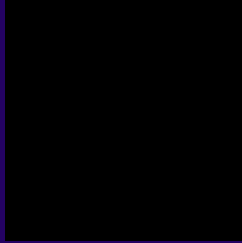
Any Text WCAG AA × Fail

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 240263 Background



This preview shows how black text looks on a background with the Hex color 240263.



This preview shows how white text looks on a background with the Hex color 240263.

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
240263

Protanopia
002145

Deuteranopia
00233B

Trichromacy

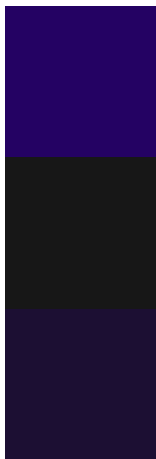


Original Color
240263

Protanomaly
0D1650

Deuteranomaly
0D174A

Monochromacy



Original Color
240263

Achromatopsia
171717

Achromatomaly
1C0F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 240263 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 #240263 looks like.

```
.text, #text, p{  
    color:#240263  
}
```

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 #240263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240263
}
```

Border

The CSS property to change the border of an element to Hex 240263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

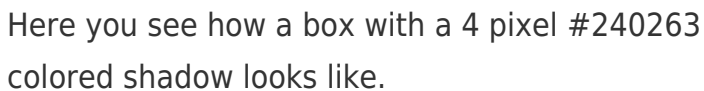
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240263 }
```

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

```
.border{ border-color:#240263 }
```

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



Here you see how a box with a 4 pixel #240263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240263; -webkit-box-shadow:4px 4px  
4px 4px #240263; box-shadow:4px 4px 4px  
4px #240263 }
```

Background

The CSS property to change the background color of an element to Hex 240263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240263 }
```

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

```
.background{ background-color:#240263 }
```

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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