

Converting Colors

Hex(240061)

Have a look what the booklet for
Hex(240061) contains.

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Color

Hex(240061)

Conversions

Conversions Part 1

Format	Color
Hex	240061
RGB	36, 0, 97
RGB Percent	14%, 0%, 38%
CMY	0.8588, 1.0000, 0.6196
CMYK	0.63, 1.00, 0.00, 0.62
HSL	262°, 100%, 19%
HSV	262°, 100%, 38%
XYZ	2.8852, 1.2381, 11.3962
YIQ	21.8220, -9.6810, 37.7990

Conversions

Conversions Part 2

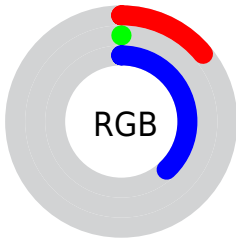
Format	Color
R_{YB}	36, 0, 97
Decimal	2359393
CIE _{Lab}	10.84, 40.30, -47.98
CIE _{LCh}	11, 62.664, 310.027
Yxy	1.2381, 0.1859, 0.0798
Android (android.graphics.Color)	4280549473 (0xFF240061)
YUV	21.8220, 37.0628, 12.4341
Hunter-Lab	11.1272, 26.8118, -52.9345

Details

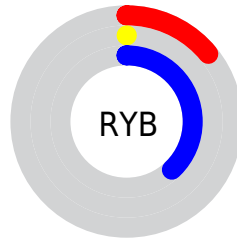
The Hex color **240061** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D6100**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5B3195**, and **000331** is the 20% darker color. If you saturate the color by 10%, you get **240061**, and if you desaturate by 10%, it is **2A0A61**.

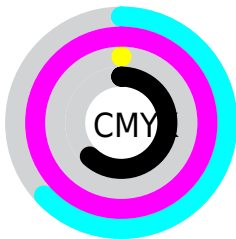
Distribution



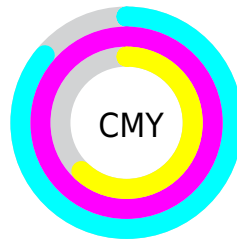
- Red (14%)
- Green (0%)
- Blue (38%)



- Red (14%)
- Yellow (0%)
- Blue (38%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240061 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 240061 by changing the saturation by 10% instead.

 240061

 240061

 FFEAFF

 0A0049

 5B3195

 000331

 7649B0

 00011B

 9162CC

 000000

 AD7CE8

 C996FF

 E6B1FF

 FFCDFD

 240061

■ 2A0A61

■ 301361

■ 361D61

■ 3C2761

■ 433161

■ 493A61

■ 4F4461

■ 554E61

■ 5B5761

Harmonies

Analogous

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



002175



240061



55003B

Triad

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



240061



3B0E00



002B2B

Complementary

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



240061



3D6100

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.



002A00



240061



182000

Square

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



240061



540000



002900



002E55

Rectangle

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



240061



5F0020



002900



002B1C

Sweetspot

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



240061



65577D



003D61



312940



BFBFBF



404040

Same Dimension

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



240061



2E007D



540061



2D2C30



2A0070



5900F0

Inverse Universe

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



61003D



7D004F



0D6100



302C2F



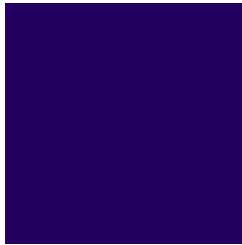
700047



F00097

Previews

White Background



This preview shows how the Hex color 240061 looks on a white background.

Color Contrast Check

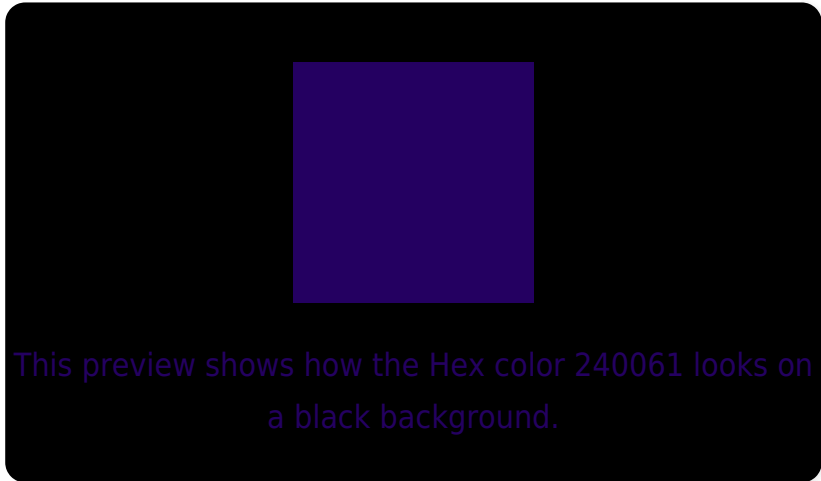
Large Text (above 18pt) WCAG AA ✓ Pass

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

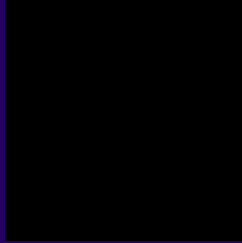
Any Text WCAG AA × Fail

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 240061 Background



This preview shows how black text looks on a background with the Hex color 240061.



This preview shows how white text looks on a background with the Hex color 240061.

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
240061

Protanopia
002044

Deuteranopia
00233A

Trichromacy



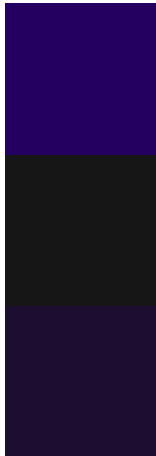
Original Color
240061

Protanomaly
0D144F

Deuteranomaly
0D1648

Tritanomaly
0D183D

Monochromacy



Original Color
240061

Achromatopsia
161616

Achromatomaly
1B0E31

CSS Examples

Text

The CSS property to change the color of the text to Hex 240061 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 #240061 looks like.

```
.text, #text, p{  
    color:#240061  
}
```

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 #240061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240061
}
```

Border

The CSS property to change the border of an element to Hex 240061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

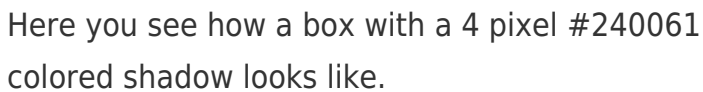
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240061 }
```

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

```
.border{ border-color:#240061 }
```

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



Here you see how a box with a 4 pixel #240061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240061; -webkit-box-shadow:4px 4px  
4px 4px #240061; box-shadow:4px 4px 4px  
4px #240061 }
```

Background

The CSS property to change the background color of an element to Hex 240061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240061 }
```

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

```
.background{ background-color:#240061 }
```

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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