

Converting Colors

Hex(240660)

Have a look what the booklet for
Hex(240660) contains.

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Color

Hex(240660)

Conversions

Conversions Part 1

Format	Color
Hex	240660
RGB	36, 6, 96
RGB Percent	14%, 2%, 38%
CMY	0.8588, 0.9765, 0.6235
CMYK	0.63, 0.94, 0.00, 0.62
HSL	260°, 88%, 20%
HSV	260°, 94%, 38%
XYZ	2.9040, 1.3498, 11.1738
YIQ	25.2300, -11.0100, 34.3500

Conversions

Conversions Part 2

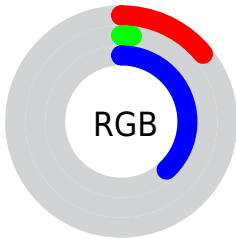
Format	Color
RYB	36, 6, 96
Decimal	2360928
CIELab	11.62, 37.26, -46.02
CIELCh	12, 59.210, 308.998
Yxy	1.3498, 0.1882, 0.0875
Android (android.graphics.Color)	4280551008 (0xFF240660)
YUV	25.2300, 34.8896, 9.4453
Hunter-Lab	11.6183, 24.2842, -48.8890




Details

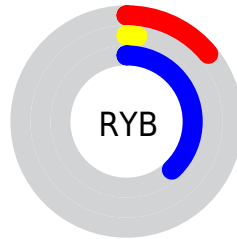
The Hex color **240660** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **426006**, and the grayscale version is **191919**.




A 20% lighter version of the original color is **5A3694**, and **000330** is the 20% darker color. If you saturate the color by 10%, you get **200060**, and if you desaturate by 10%, it is **2A1060**.

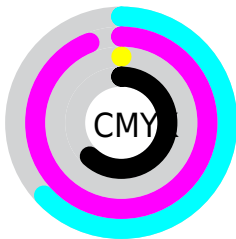
Distribution







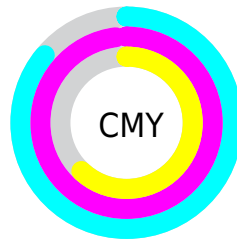
-  Red (14%)
-  Green (2%)
-  Blue (38%)






-  Red (14%)
-  Yellow (2%)
-  Blue (38%)



-  Cyan (63%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (86%)
-  Magenta (98%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240660 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 240660 by changing the saturation by 10% instead.

 240660

 240660

 FFEEFF

 090048

 5A3694

 000330

 754EAF

 00011A

 9066CA

 000000

 AC80E7

 C89AFF

 E5B6FF

 FFD1FF

 240660

 240660

■ 200060

■ 2A1060

■ 311960

■ 372360

■ 3E2C60

■ 443660

■ 4A4060

■ 514960

■ 575360

■ 5E5C60

Harmonies

Analogous

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



002373



240660



54003D

Triad

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



240660



3D1000



002D2B

Complementary

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



240660



426006

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



240660



1C2100

Square

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



240660



550000



002900



002E52

Rectangle

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



240660



5E0022



002900



002D1C

Sweetspot

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



240660



665A7D



064260



312A40



BFBFBF



404040

Same Dimension

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



240660



2A007D



510660



2D2C30



250070



5000F0

Inverse Universe

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



600642



7D0053



156006



302C2F



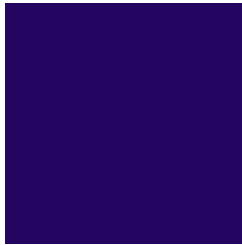
70004B



F000A0

Previews

White Background



This preview shows how the Hex color 240660 looks on a white background.

Color Contrast Check

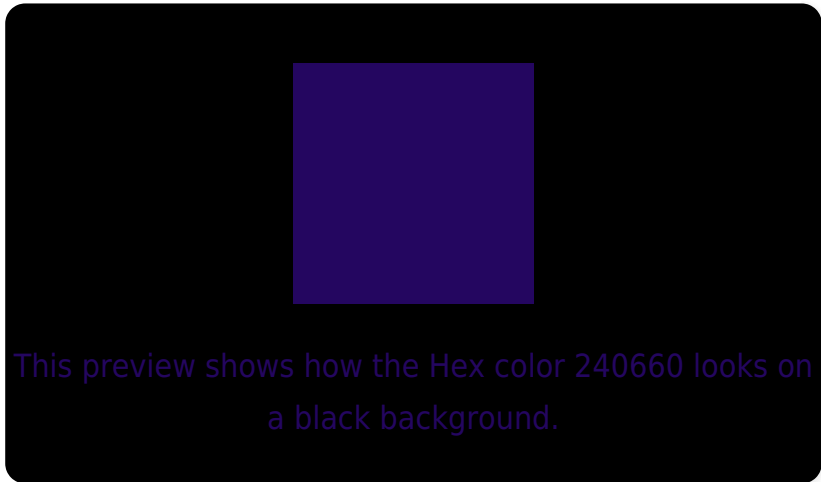
Large Text (above 18pt) WCAG AA ✓ Pass

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

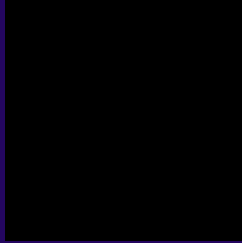
Any Text WCAG AA × Fail

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 240660 Background



This preview shows how black text looks on a background with the Hex color 240660.



This preview shows how white text looks on a background with the Hex color 240660.

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
240660

Protanopia
002044

Deuteranopia
00233A

Trichromacy



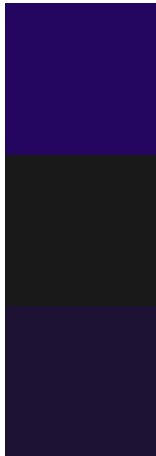
Original Color
240660

Protanomaly
0D174E

Deuteranomaly
0D1848

Tritanomaly
0D1A3C

Monochromacy



Original Color
240660

Achromatopsia
191919

Achromatomaly
1D1233

CSS Examples

Text

The CSS property to change the color of the text to Hex 240660 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 #240660 looks like.

```
.text, #text, p{  
    color:#240660  
}
```

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 #240660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240660
}
```

Border

The CSS property to change the border of an element to Hex 240660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

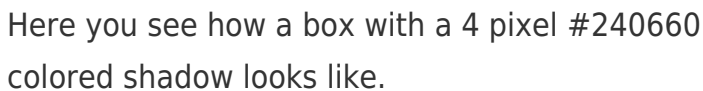
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240660 }
```

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

```
.border{ border-color:#240660 }
```

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



Here you see how a box with a 4 pixel #240660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240660; -webkit-box-shadow:4px 4px  
4px 4px #240660; box-shadow:4px 4px 4px  
4px #240660 }
```

Background

The CSS property to change the background color of an element to Hex 240660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240660 }
```

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

```
.background{ background-color:#240660 }
```

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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