

Converting Colors

Hex(240690)

Have a look what the booklet for
Hex(240690) contains.

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Color

Hex(240690)

Conversions

Conversions Part 1

Format	Color
Hex	240690
RGB	36, 6, 144
RGB Percent	14%, 2%, 56%
CMY	0.8588, 0.9765, 0.4353
CMYK	0.75, 0.96, 0.00, 0.44
HSL	253°, 92%, 29%
HSV	253°, 96%, 56%
XYZ	5.8267, 2.5189, 26.5647
YIQ	30.7020, -26.4180, 49.2780

Conversions

Conversions Part 2

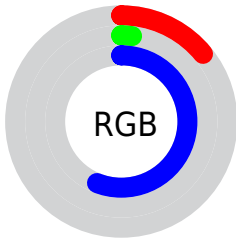
Format	Color
RYB	36, 6, 144
Decimal	2360976
CIELab	18.00, 50.58, -66.34
CIELCh	18, 83.427, 307.323
Yxy	2.5189, 0.1669, 0.0722
Android (android.graphics.Color)	4280551056 (0xFF240690)
YUV	30.7020, 55.8559, 4.6463
Hunter-Lab	15.8712, 37.7576, -88.1280

Details

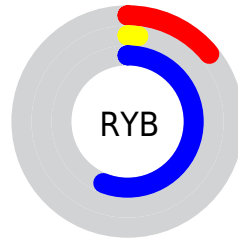
The Hex color **240690** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **729006**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **653CC7**, and **00005C** is the 20% darker color. If you saturate the color by 10%, you get **1F0090**, and if you desaturate by 10%, it is **2F1490**.

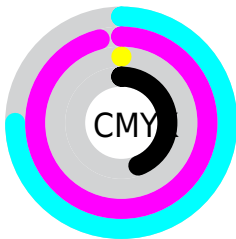
Distribution



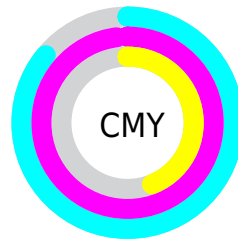
- Red (14%)
- Green (2%)
- Blue (56%)



- Red (14%)
- Yellow (2%)
- Blue (56%)



- Cyan (75%)
- Magenta (96%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240690 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 240690 by changing the saturation by 10% instead.

 240690

 240690

 FFF8FF

 000076

 653CC7

 00005C

 8255E4

 000743

 A06EFF

 00032C

 BD88FF

 000116

 DBA3FF

 000000

 F9BFFF

 FFDBFF

 240690

 240690

■ 1F0090

■ 2F1490

■ 3B2390

■ 463190

■ 514090

■ 5C4E90

■ 685C90

■ 736B90

■ 7E7990

■ 898890

Harmonies

Analogous

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



0034AA



240690



77005C

Triad

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



240690



5A1000



003F3A

Complementary

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



240690



729006

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.



003D00



240690



2A2F00

Square

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



240690



7B0000



003900



004076

Rectangle

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



240690



870035



003900



003E25

Sweetspot

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



240690



9084BA



067290



453D5E



DEDEDE



5E5E5E

Same Dimension

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



240690



2800BA



690690



424047



1D0087



020008

Inverse Universe

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



900672



BA0092



2D9006



474046



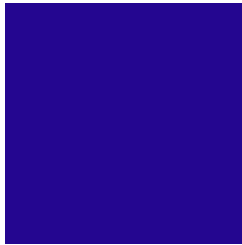
87006A



080006

Previews

White Background



This preview shows how the Hex color 240690 looks on a white background.

Color Contrast Check

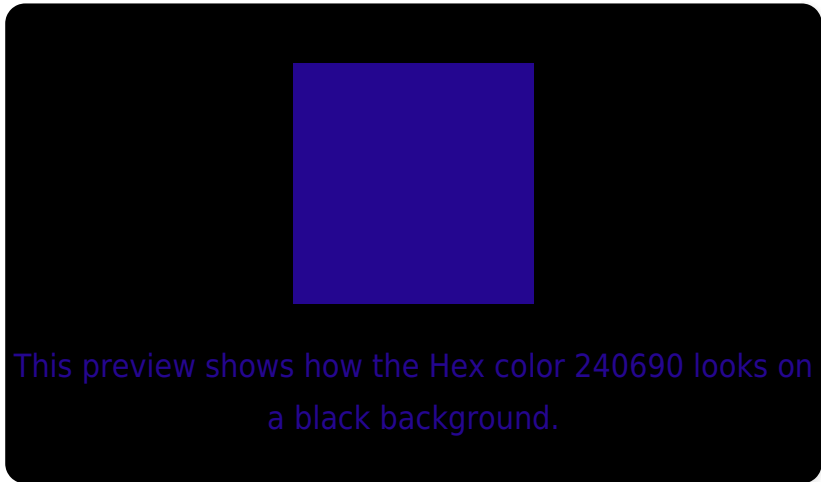
Large Text (above 18pt) WCAG AA ✓ Pass

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

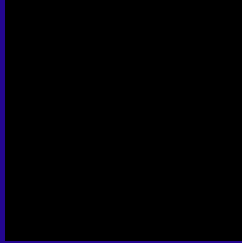
Any Text WCAG AA × Fail

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 240690 Background



This preview shows how black text looks on a background with the Hex color 240690.



This preview shows how white text looks on a background with the Hex color 240690.

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
240690

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
240690

Protanomaly
0D1F70

Deuteranomaly
0D2167

Tritanomaly
0D2357

Monochromacy



Original Color
240690

Achromatopsia
1F1F1F

Achromatomaly
211648

CSS Examples

Text

The CSS property to change the color of the text to Hex 240690 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 #240690 looks like.

```
.text, #text, p{  
    color:#240690  
}
```

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 #240690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240690
}
```

Border

The CSS property to change the border of an element to Hex 240690 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
#240690 }
```

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

```
.border{ border-color:#240690 }
```

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

Here you see how a box with a 4 pixel #240690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240690; -webkit-box-shadow:4px 4px  
4px 4px #240690; box-shadow:4px 4px 4px  
4px #240690 }
```

Background

The CSS property to change the background color of an element to Hex 240690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240690 }
```

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

```
.background{ background-color:#240690 }
```

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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