

Converting Colors

Hex(240011)

Have a look what the booklet for
Hex(240011) contains.

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Color

Hex(240011)

Conversions

Conversions Part 1

Format	Color
Hex	240011
RGB	36, 0, 17
RGB Percent	14%, 0%, 7%
CMY	0.8588, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.53, 0.86
HSL	332°, 100%, 7%
HSV	332°, 100%, 14%
XYZ	0.8287, 0.4155, 0.5668
YIQ	12.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

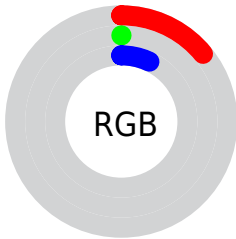
Format	Color
RYB	36, 0, 17
Decimal	2359313
CIELab	3.75, 17.77, -1.64
CIELCh	4, 17.844, 354.739
Yxy	0.4155, 0.4576, 0.2294
Android (android.graphics.Color)	4280549393 (0xFF240011)
YUV	12.7020, 2.1189, 20.4323
Hunter-Lab	6.4462, 11.6672, -0.7012

Details

The Hex color **240011** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002413**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **512E3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240011**, and if you desaturate by 10%, it is **240413**.

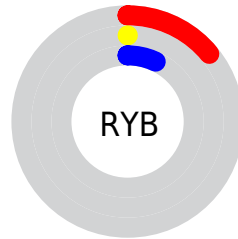
Distribution



Red (14%)

Green (0%)

Blue (7%)



Red (14%)

Yellow (0%)

Blue (7%)

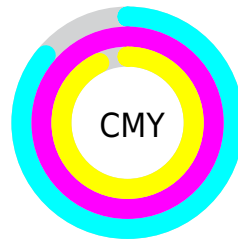


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (86%)



Cyan (86%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240011 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 240011 by changing the saturation by 10% instead.

 240011

 240011

 FFE2F1

 000000

 512E3B

 694552

 835D6B

 9D7684

 B88F9E

 D4AAB9

 F1C5D4

 240011

■ 240413

■ 240715

■ 240B17

■ 240E19

■ 24121A

■ 24161C

■ 24191E

■ 241D20

■ 242022

Harmonies

Analogous

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



1D031D



240011



260000

Triad

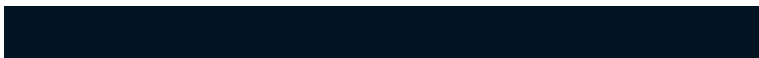
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240011



021100



001422

Complementary

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



240011



002413

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.



001619



240011



001500

Square

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



240011



150C00



001609



001026

Rectangle

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



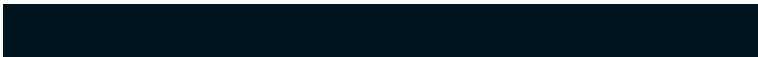
240011



230300



001609



00151F

Sweetspot

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



240011



2E2027



130024



170F13



969696



171717

Same Dimension

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



240011



2E0016



240100



121011



520027



D10063

Inverse Universe

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



240011



2E0016



002324



121011



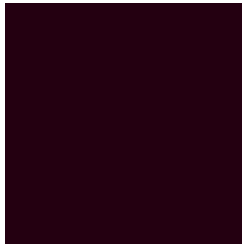
520027



D10063

Previews

White Background



This preview shows how the Hex color 240011 looks on a white background.

Color Contrast Check

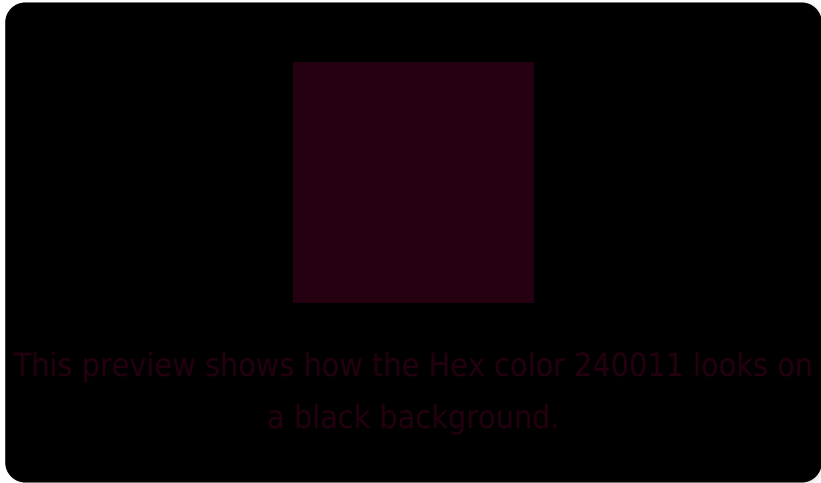
Large Text (above 18pt) WCAG AA ✓ Pass

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

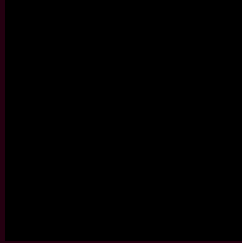
Any Text WCAG AA × Fail

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 240011 Background



This preview shows how black text looks on a background with the Hex color 240011.



This preview shows how white text looks on a background with the Hex color 240011.

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](#).

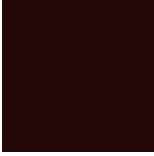
Dichromacy



Original Color
240011

Protanopia
111219

Deuteranopia
161210



Tritanopia
240707

Trichromacy



Original Color
240011

Protanomaly
180B16

Deuteranomaly
1B0B10

Tritanomaly
24040B

Monochromacy



Original Color
240011

Achromatopsia
0D0D0D

Achromatomaly
15080E

CSS Examples

Text

The CSS property to change the color of the text to Hex 240011 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 #240011 looks like.

```
.text, #text, p{  
    color:#240011  
}
```

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 #240011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240011
}
```

Border

The CSS property to change the border of an element to Hex 240011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

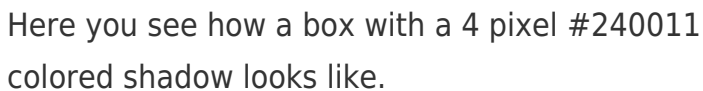
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240011 }
```

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

```
.border{ border-color:#240011 }
```

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



Here you see how a box with a 4 pixel #240011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240011; -webkit-box-shadow:4px 4px  
4px 4px #240011; box-shadow:4px 4px 4px  
4px #240011 }
```

Background

The CSS property to change the background color of an element to Hex 240011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240011 }
```

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

```
.background{ background-color:#240011 }
```

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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