

Converting Colors

Hex(240001)

Have a look what the booklet for
Hex(240001) contains.

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Color

Hex(240001)

Conversions

Conversions Part 1

Format	Color
Hex	240001
RGB	36, 0, 1
RGB Percent	14%, 0%, 0%
CMY	0.8588, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.97, 0.86
HSL	358°, 100%, 7%
HSV	358°, 100%, 14%
XYZ	0.7330, 0.3773, 0.0629
YIQ	10.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

Format	Color
RYB	36, 0, 1
Decimal	2359297
CIELab	3.41, 15.34, 4.98
CIELCh	3, 16.126, 17.972
Yxy	0.3773, 0.6248, 0.3216
Android (android.graphics.Color)	4280549377 (0xFF240001)
YUV	10.8780, -4.8699, 22.0320
Hunter-Lab	6.1421, 10.5543, 3.6923

Details

The Hex color **240001** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002423**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **502F31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240001**, and if you desaturate by 10%, it is **240404**.

Distribution



Red (14%)

Green (0%)

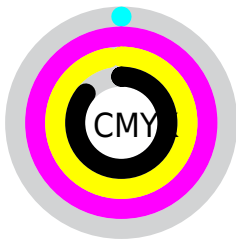
Blue (0%)



Red (14%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (86%)



Cyan (86%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240001 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 240001 by changing the saturation by 10% instead.

 240001

 240001

 FFE2E3

 000000

 502F31

 684547

 825D5F

 9D7678

 B89091

 D4AAAC

 F0C6C7

 240001

■ 240404

■ 240708

■ 240B0B

■ 240E0F

■ 241212

■ 241616

■ 241919

■ 241D1D

■ 242021

Harmonies

Analogous

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



210013



240001



200300

Triad

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



240001



001300



001023

Complementary

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



240001



002423

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.



00131E



240001



001404

Square

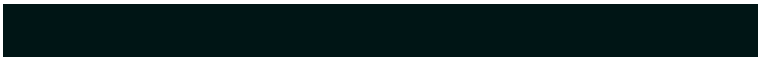
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240001



060F00



001515



060A22

Rectangle

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



240001



1A0700



001515



001122

Sweetspot

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



240001



2E2021



230024



170F0F



969696



171717

Same Dimension

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



240001



2E0001



241100



121010



520002



D10006

Inverse Universe

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



240001



2E0001



001324



121010



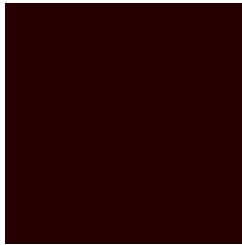
520002



D10006

Previews

White Background



This preview shows how the Hex color 240001 looks on a white background.

Color Contrast Check

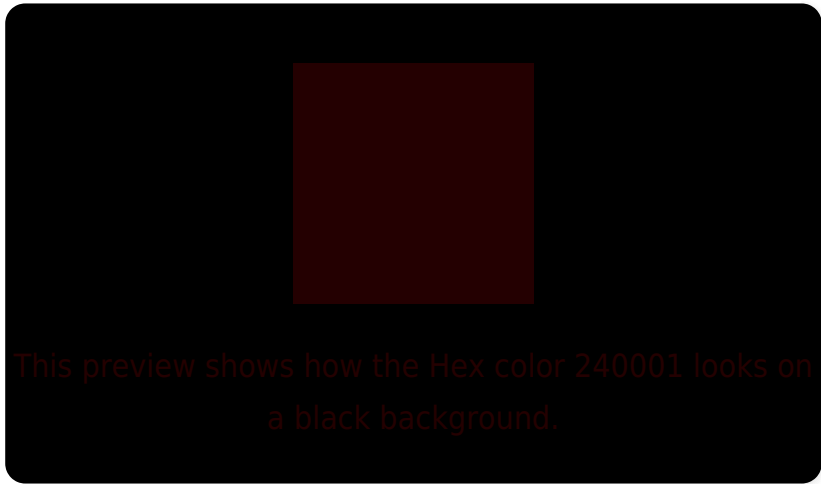
Large Text (above 18pt) WCAG AA ✓ Pass

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

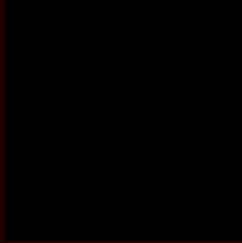
Any Text WCAG AA × Fail

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 240001 Background



This preview shows how black text looks on a background with the Hex color 240001.

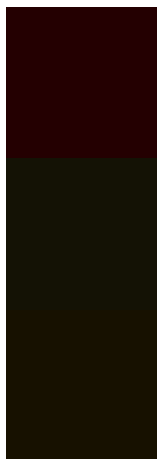


This preview shows how white text looks on a background with the Hex color 240001.

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](#).

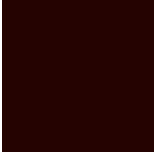
Dichromacy



Original Color
240001

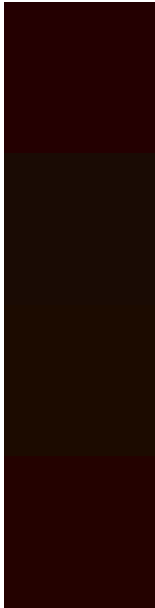
Protanopia
141205

Deuteranopia
171100



Tritanopia
240300

Trichromacy



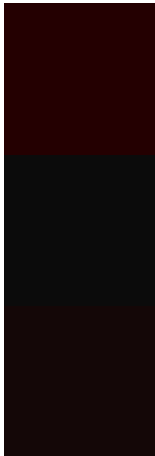
Original Color
240001

Protanomaly
1A0B04

Deuteranomaly
1C0B00

Tritanomaly
240200

Monochromacy



Original Color
240001

Achromatopsia
0B0B0B

Achromatomaly
140707

CSS Examples

Text

The CSS property to change the color of the text to Hex 240001 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 #240001 looks like.

```
.text, #text, p{  
    color:#240001  
}
```

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 #240001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240001
}
```

Border

The CSS property to change the border of an element to Hex 240001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

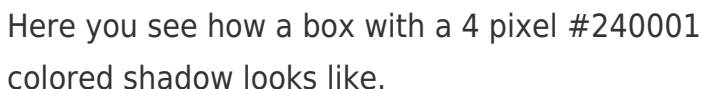
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240001 }
```

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

```
.border{ border-color:#240001 }
```

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



Here you see how a box with a 4 pixel #240001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240001; -webkit-box-shadow:4px 4px  
4px 4px #240001; box-shadow:4px 4px 4px  
4px #240001 }
```

Background

The CSS property to change the background color of an element to Hex 240001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240001 }
```

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

```
.background{ background-color:#240001 }
```

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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