

Converting Colors

Hex(240A00)

Have a look what the booklet for
Hex(240A00) contains.

Hex(240A00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(240A00)

Conversions

Conversions Part 1

Format	Color
Hex	240A00
RGB	36, 10, 0
RGB Percent	14%, 4%, 0%
CMY	0.8588, 0.9608, 1.0000
CMYK	0.00, 0.72, 1.00, 0.86
HSL	17°, 100%, 7%
HSV	17°, 100%, 14%
XYZ	0.8361, 0.5922, 0.0702
YIQ	16.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

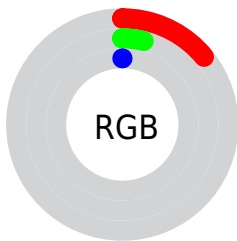
Format	Color
RYB	36, 14, 0
Decimal	2361856
CIELab	5.35, 11.19, 8.22
CIElCh	5, 13.887, 36.282
Yxy	0.5922, 0.5580, 0.3952
Android (android.graphics.Color)	4280551936 (0xFF240A00)
YUV	16.6340, -8.2006, 16.9840
Hunter-Lab	7.6951, 5.9280, 4.8455

Details

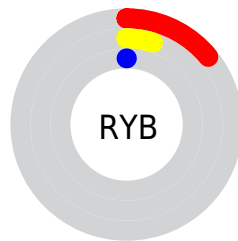
The Hex color **240A00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **001A24**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **503630**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240A00**, and if you desaturate by 10%, it is **240D04**.

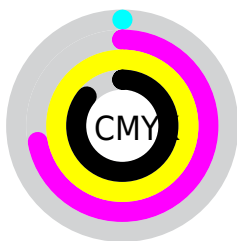
Distribution



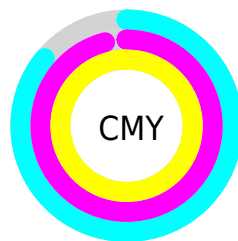
- Red (14%)
- Green (4%)
- Blue (0%)



- Red (14%)
- Yellow (5%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (100%)
- Black (86%)



- Cyan (86%)
- Magenta (96%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240A00 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 240A00 by changing the saturation by 10% instead.

 240A00

 240A00

 FFEAE2

 000000

 503630

 694C47

 83645E

 9D7D77

 B89790

 D4B2AB

 F1CEC6

 240A00

■ 240D04

■ 240F07

■ 24120B

■ 24140E

■ 241712

■ 241A16

■ 241C19

■ 241F1D

■ 242120

Harmonies

Analogous

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



240910



240A00



1F0E00

Triad

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



240A00



001705



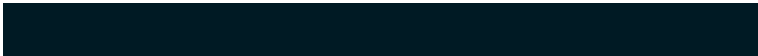
051224

Complementary

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



240A00



001A24

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.



001523



240A00



001814

Square

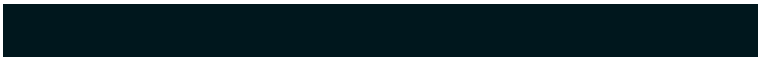
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240A00



091500



00171D



160E21

Rectangle

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



240A00



191100



00171D



001324

Sweetspot

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



240A00



2E2420



24001A



17110F



969696



171717

Same Dimension

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



240A00



2E0D00



241C00



121110



521700



D13A00

Inverse Universe

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



001A24



00212E



000824



101112



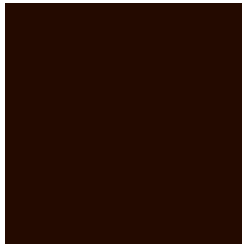
003B52



0097D1

Previews

White Background



This preview shows how the Hex color 240A00 looks on a white background.

Color Contrast Check

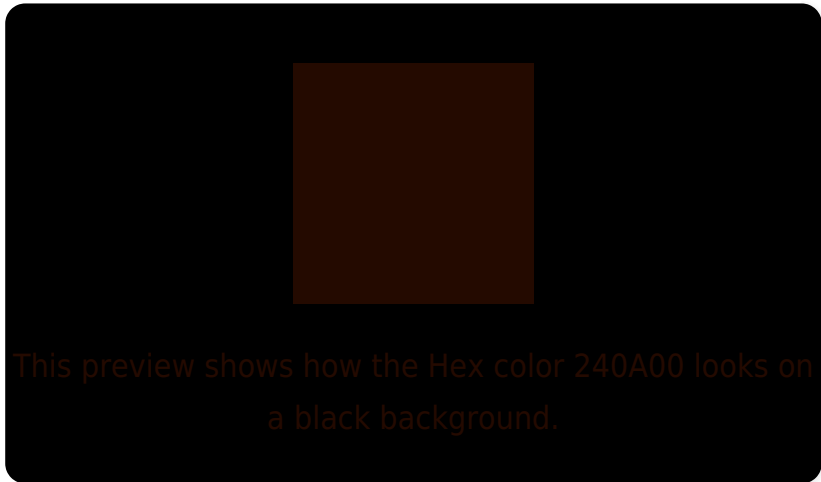
Large Text (above 18pt) WCAG AA ✓ Pass

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

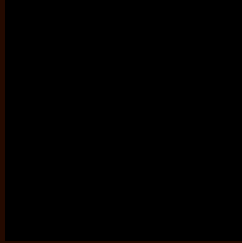
Any Text WCAG AA × Fail

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 240A00 Background



This preview shows how black text looks on a background with the Hex color 240A00.

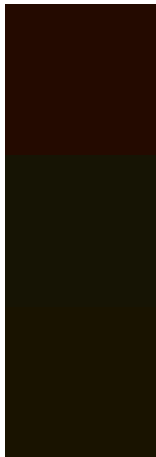


This preview shows how white text looks on a background with the Hex color 240A00.

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](#).

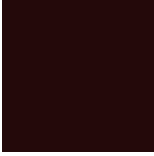
Dichromacy



Original Color
240A00

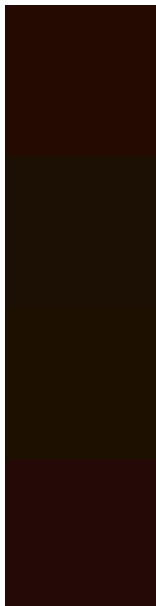
Protanopia
161404

Deuteranopia
191300



Tritanopia
24090A

Trichromacy



Original Color

240A00

Protanomaly

1B1003

Deuteranomaly

1D1000

Tritanomaly

240906

Monochromacy



Original Color

240A00

Achromatopsia

111111

Achromatomaly

180E0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 240A00 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 #240A00 looks like.

```
.text, #text, p{  
    color:#240A00  
}
```

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 #240A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240A00
}
```

Border

The CSS property to change the border of an element to Hex 240A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

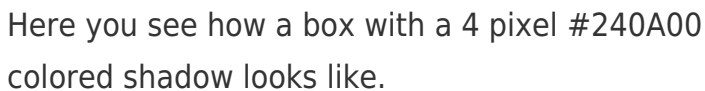
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240A00 }
```

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

```
.border{ border-color:#240A00 }
```

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



Here you see how a box with a 4 pixel #240A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240A00; -webkit-box-shadow:4px 4px  
4px 4px #240A00; box-shadow:4px 4px 4px  
4px #240A00 }
```

Background

The CSS property to change the background color of an element to Hex 240A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240A00 }
```

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

```
.background{ background-color:#240A00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor