

Converting Colors

Hex(240C0B)

Have a look what the booklet for
Hex(240C0B) contains.

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Color

Hex(240C0B)

Conversions

Conversions Part 1

Format	Color
Hex	240C0B
RGB	36, 12, 11
RGB Percent	14%, 5%, 4%
CMY	0.8588, 0.9529, 0.9569
CMYK	0.00, 0.67, 0.69, 0.86
HSL	2°, 53%, 9%
HSV	2°, 69%, 14%
XYZ	0.9194, 0.6622, 0.3960
YIQ	19.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

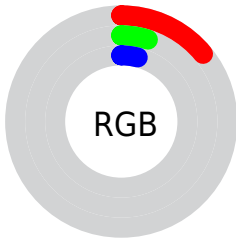
Format	Color
RYB	36, 12, 11
Decimal	2362379
CIELab	5.98, 11.79, 4.65
CIELCh	6, 12.672, 21.522
Yxy	0.6622, 0.4649, 0.3348
Android (android.graphics.Color)	4280552459 (0xFF240C0B)
YUV	19.0620, -3.9746, 14.8546
Hunter-Lab	8.1374, 5.9279, 2.8112

Details

The Hex color **240C0B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B2324**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **513737**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240907**, and if you desaturate by 10%, it is **240F0F**.

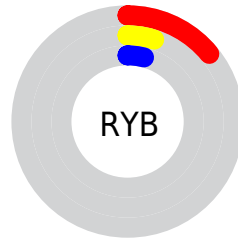
Distribution



Red (14%)

Green (5%)

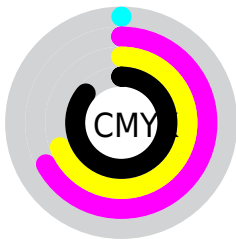
Blue (4%)



Red (14%)

Yellow (5%)

Blue (4%)

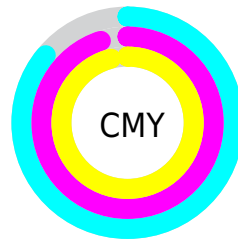


Cyan (0%)

Magenta (67%)

Yellow (69%)

Black (86%)



Cyan (86%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240C0B 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 240C0B by changing the saturation by 10% instead.

 240C0B

 240C0B

 FFE8E8

 000000

 513737

 6A4E4E

 836666

 9E7F7F

 B99998

 D5B4B3

 F1CFCF

 240C0B

 240C0B

■ 240907

■ 240F0F

■ 240504

■ 241312

■ 240200

■ 241616

■ 240100

■ 241A19

■ 241D1D

■ 242121

■ 242424

■ 242828

■ 242B2B

Harmonies

Analogous

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



220C16



240C0B



220E00

Triad

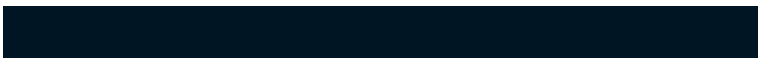
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240C0B



051702



001524

Complementary

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



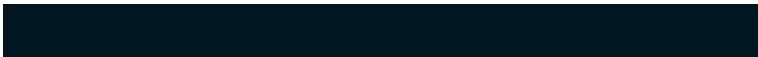
240C0B



0B2324

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.



001720



240C0B



001910

Square

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



240C0B



131500



001919



111223

Rectangle

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



240C0B



1F1000



001919



001623

Sweetspot

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



240C0B



2E2524



240B23



171111



969696



171717

Same Dimension

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



240C0B



2E0908



24180B



121010



520300



D10800

Inverse Universe

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



0B2324



082C2E



0B1724



101212



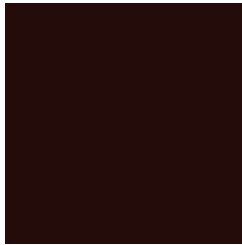
004E52



00C9D1

Previews

White Background



This preview shows how the Hex color 240C0B looks on a white background.

Color Contrast Check

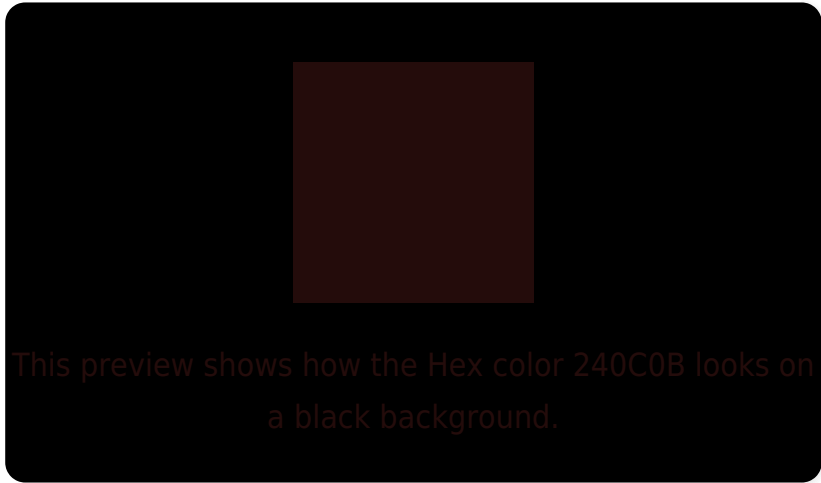
Large Text (above 18pt) WCAG AA ✓ Pass

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

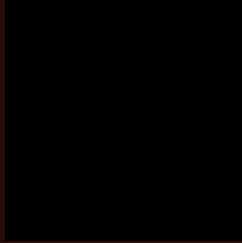
Any Text WCAG AA × Fail

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 240C0B Background



This preview shows how black text looks on a background with the Hex color 240C0B.

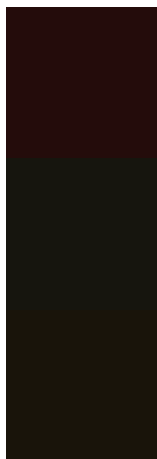


This preview shows how white text looks on a background with the Hex color 240C0B.

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
240C0B

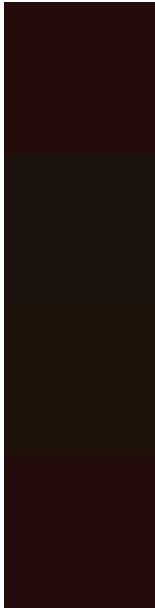
Protanopia
16150E

Deuteranopia
19140A



Tritanopia
240C0C

Trichromacy



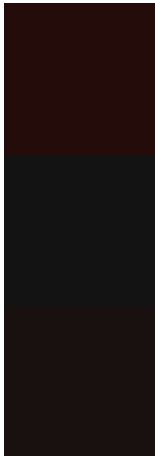
Original Color
24C0B

Protanomaly
1B120D

Deuteranomaly
1D110A

Tritanomaly
24C0C

Monochromacy



Original Color
24C0B

Achromatopsia
131313

Achromatomaly
191010

CSS Examples

Text

The CSS property to change the color of the text to Hex 240C0B 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 #240C0B looks like.

```
.text, #text, p{  
    color:#240C0B  
}
```

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 #240C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240C0B
}
```

Border

The CSS property to change the border of an element to Hex 240C0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

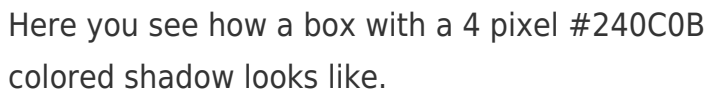
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240C0B }
```

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

```
.border{ border-color:#240C0B }
```

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



Here you see how a box with a 4 pixel #240C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240C0B; -webkit-box-shadow:4px 4px  
4px 4px #240C0B; box-shadow:4px 4px 4px  
4px #240C0B }
```

Background

The CSS property to change the background color of an element to Hex 240C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240C0B }
```

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

```
.background{ background-color:#240C0B }
```

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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