

Converting Colors

Hex(240C21)

Have a look what the booklet for
Hex(240C21) contains.

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Color

Hex(240C21)

Conversions

Conversions Part 1

Format	Color
Hex	240C21
RGB	36, 12, 33
RGB Percent	14%, 5%, 13%
CMY	0.8588, 0.9529, 0.8706
CMYK	0.00, 0.67, 0.08, 0.86
HSL	308°, 50%, 9%
HSV	308°, 67%, 14%
XYZ	1.1335, 0.7478, 1.5234
YIQ	21.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

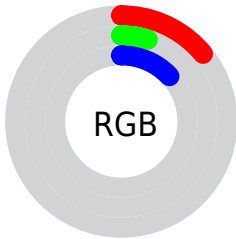
Format	Color
R_{YB}	36, 12, 33
Decimal	2362401
CIE Lab	6.75, 16.15, -8.96
CIE LCh	7, 18.473, 330.984
Yxy	0.7478, 0.3329, 0.2196
Android (android.graphics.Color)	4280552481 (0xFF240C21)
YUV	21.5700, 5.6350, 12.6551
Hunter-Lab	8.6476, 8.2645, -4.3917

Details

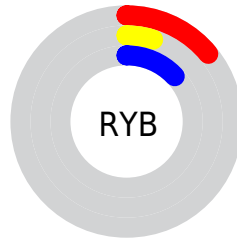
The Hex color **240C21** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C240F**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **51374D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240821**, and if you desaturate by 10%, it is **241021**.

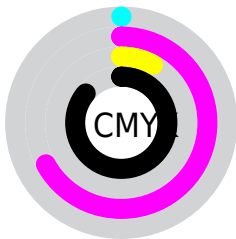
Distribution



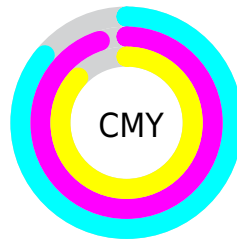
- Red (14%)
- Green (5%)
- Blue (13%)



- Red (14%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (8%)
- Black (86%)



- Cyan (86%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240C21 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 240C21 by changing the saturation by 10% instead.

■ 240C21

■ 240C21

■ FFECFF

■ 020008

■ 51374D

■ 000000

■ 6A4E65

■ 83667E

■ 9D7F98

■ B999B3

■ D4B4CE

■ F1D0EA

■ 240C21

■ 240C21

■ 240821

■ 241021

■ 240520

■ 241322

■ 240120

■ 241722

■ 240020

■ 241A23

■ 241E23

■ 242224

■ 242524

■ 242925

■ 242C25

Harmonies

Analogous

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



16112A



240C21



2A0915

Triad

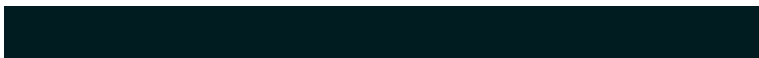
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240C21



1C1400



001C21

Complementary

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



240C21



0C240F

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.



001C15



240C21



0D1800

Square

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



240C21



251000



001B02



001A2A

Rectangle

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



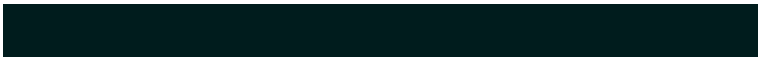
240C21



2B0909



001B02



001C1D

Sweetspot

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



240C21



2E252D



0F0C24



171116



969696



171717

Same Dimension

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



240C21



2E0929



240C15



121012



520047



D100B7

Inverse Universe

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



240C21



2E0929



0C241B



121012



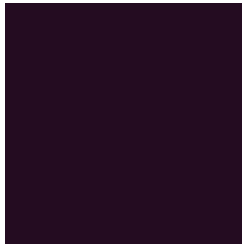
520047



D100B7

Previews

White Background



This preview shows how the Hex color 240C21 looks on a white background.

Color Contrast Check

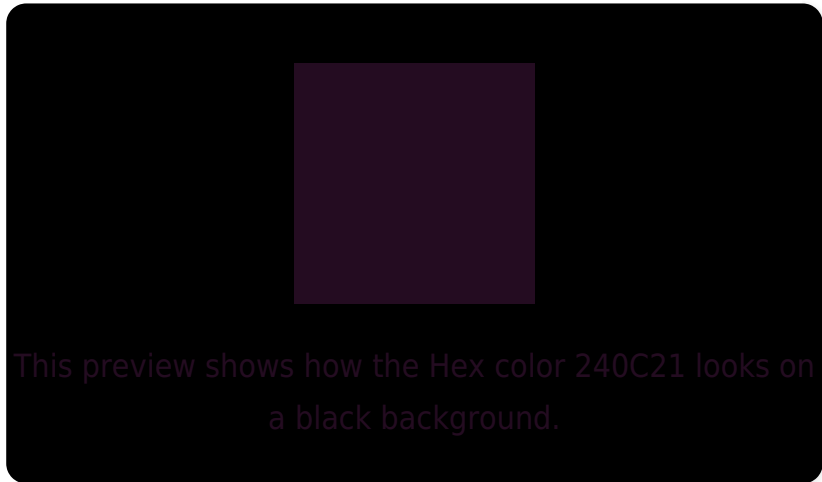
Large Text (above 18pt) WCAG AA ✓ Pass

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

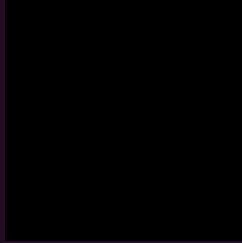
Any Text WCAG AA × Fail

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 240C21 Background



This preview shows how black text looks on a background with the Hex color 240C21.



This preview shows how white text looks on a background with the Hex color 240C21.

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
240C21

Protanopia
0C1629

Deuteranopia
13161F



Tritanopia
221112

Trichromacy



Original Color

240C21

Protanomaly

151226

Deuteranomaly

191220

Tritanomaly

230F17

Monochromacy



Original Color

240C21

Achromatopsia

161616

Achromatomaly

1B121A

CSS Examples

Text

The CSS property to change the color of the text to Hex 240C21 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 #240C21 looks like.

```
.text, #text, p{  
    color:#240C21  
}
```

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 #240C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240C21  
}
```

Border

The CSS property to change the border of an element to Hex 240C21 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  
#240C21 }
```

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

```
.border{ border-color:#240C21 }
```

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

Here you see how a box with a 4 pixel #240C21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240C21; -webkit-box-shadow:4px 4px  
4px 4px #240C21; box-shadow:4px 4px 4px  
4px #240C21 }
```

Background

The CSS property to change the background color of an element to Hex 240C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240C21 }
```

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

```
.background{ background-color:#240C21 }
```

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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