

Converting Colors

Hex(240623)

Have a look what the booklet for
Hex(240623) contains.

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Color

Hex(240623)

Conversions

Conversions Part 1

Format	Color
Hex	240623
RGB	36, 6, 35
RGB Percent	14%, 2%, 14%
CMY	0.8588, 0.9765, 0.8627
CMYK	0.00, 0.83, 0.03, 0.86
HSL	302°, 71%, 8%
HSV	302°, 83%, 14%
XYZ	1.0961, 0.6267, 1.6533
YIQ	18.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

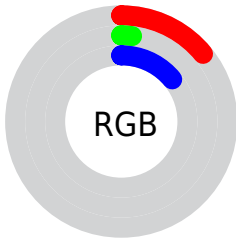
Format	Color
R_{YB}	36, 6, 35
Decimal	2360867
CIE Lab	5.66, 19.60, -12.18
CIE LCh	6, 23.074, 328.140
Yxy	0.6267, 0.3247, 0.1856
Android (android.graphics.Color)	4280550947 (0xFF240623)
YUV	18.2760, 8.2449, 15.5439
Hunter-Lab	7.9162, 10.8611, -6.8413

Details

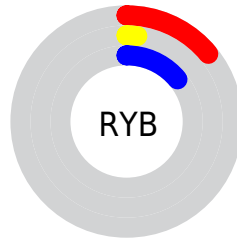
The Hex color **240623** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **062407**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **51324F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240223**, and if you desaturate by 10%, it is **240A23**.

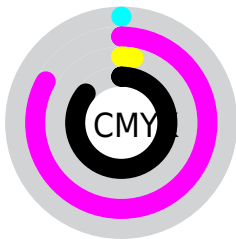
Distribution



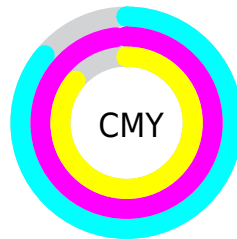
- Red (14%)
- Green (2%)
- Blue (14%)



- Red (14%)
- Yellow (2%)
- Blue (14%)



- Cyan (0%)
- Magenta (83%)
- Yellow (3%)
- Black (86%)



- Cyan (86%)
- Magenta (98%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240623 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 240623 by changing the saturation by 10% instead.

 240623

 240623

 FFE7FF

 00000B

 51324F

 000000

 6A4968

 846181

 9E7A9B

 B994B6

 D5AFD1

 F1CAEE

 240623

 240623

■ 240223

■ 240A23

■ 240023

■ 240D23

■ 241123

■ 241423

■ 241824

■ 241C24

■ 241F24

■ 242324

■ 242624

Harmonies

Analogous

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



100E2E



240623



2C0114

Triad

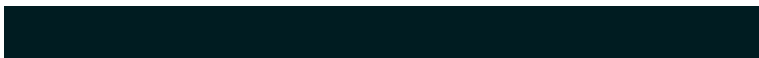
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240623



1A1100



001C21

Complementary

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



240623



062407

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.



001C11



240623



031700

Square

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



240623



260A00



001A00



00192C

Rectangle

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



240623



2E0204



001A00



001C1C

Sweetspot

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



240623



2E222E



070624



171017



969696



171717

Same Dimension

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



240623



2E002C



240614



121012



52004F



D100CA

Inverse Universe

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



240623



2E002C



062416



121012



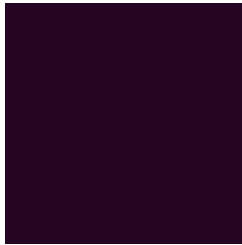
52004F



D100CA

Previews

White Background



This preview shows how the Hex color 240623 looks on a white background.

Color Contrast Check

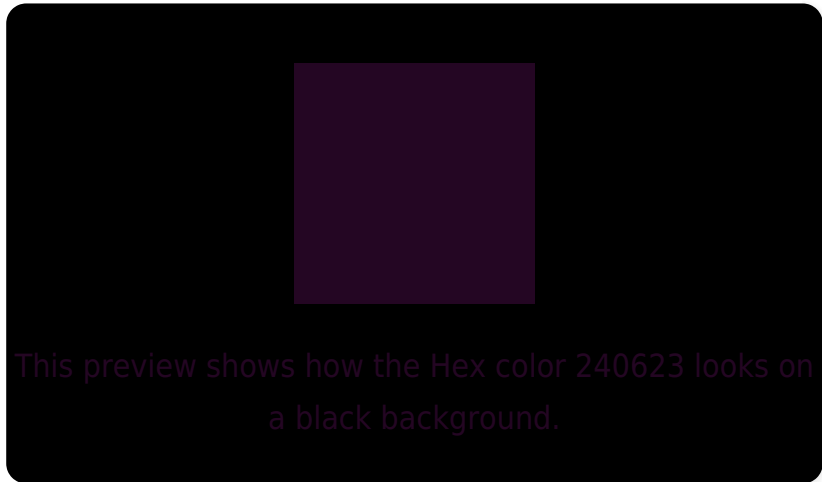
Large Text (above 18pt) WCAG AA ✓ Pass

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

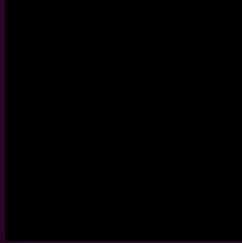
Any Text WCAG AA × Fail

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 240623 Background



This preview shows how black text looks on a background with the Hex color 240623.



This preview shows how white text looks on a background with the Hex color 240623.

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
240623

Protanopia
00142B

Deuteranopia
0E1521



Tritanopia
220F10

Trichromacy



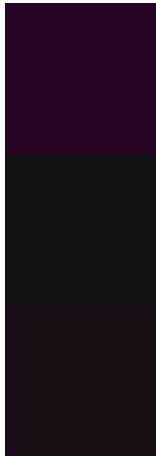
Original Color
240623

Protanomaly
0D0F28

Deuteranomaly
161022

Tritanomaly
230C17

Monochromacy



Original Color
240623

Achromatopsia
121212

Achromatomaly
190E18

CSS Examples

Text

The CSS property to change the color of the text to Hex 240623 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 #240623 looks like.

```
.text, #text, p{  
    color:#240623  
}
```

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 #240623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240623
}
```

Border

The CSS property to change the border of an element to Hex 240623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

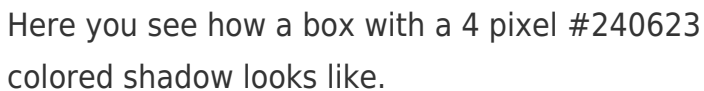
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240623 }
```

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

```
.border{ border-color:#240623 }
```

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



Here you see how a box with a 4 pixel #240623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240623; -webkit-box-shadow:4px 4px  
4px 4px #240623; box-shadow:4px 4px 4px  
4px #240623 }
```

Background

The CSS property to change the background color of an element to Hex 240623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240623 }
```

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

```
.background{ background-color:#240623 }
```

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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