

Converting Colors

Hex(3B1240)

Have a look what the booklet for
Hex(3B1240) contains.

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Color

Hex(3B1240)

Conversions

Conversions Part 1

Format	Color
Hex	3B1240
RGB	59, 18, 64
RGB Percent	23%, 7%, 25%
CMY	0.7686, 0.9294, 0.7490
CMYK	0.08, 0.72, 0.00, 0.75
HSL	293°, 56%, 16%
HSV	293°, 72%, 25%
XYZ	2.9454, 1.7326, 5.0297
YIQ	35.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

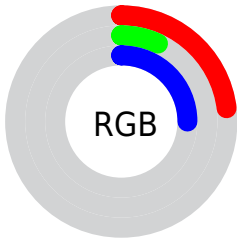
Format	Color
RYB	59, 18, 64
Decimal	3871296
CIELab	14.02, 27.67, -20.01
CIELCh	14, 34.146, 324.127
Yxy	1.7326, 0.3034, 0.1785
Android (android.graphics.Color)	4282061376 (0xFF3B1240)
YUV	35.5030, 14.0490, 20.6069
Hunter-Lab	13.1628, 16.9070, -13.4416




Details

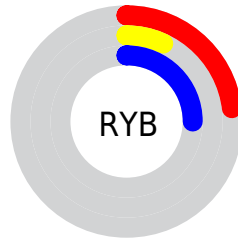
The Hex color **3B1240** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174012**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **6C4070**, and **000014** is the 20% darker color. If you saturate the color by 10%, you get **3A0C40**, and if you desaturate by 10%, it is **3C1840**.

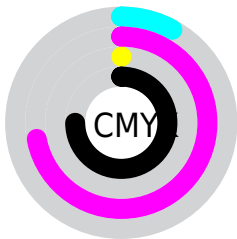
Distribution







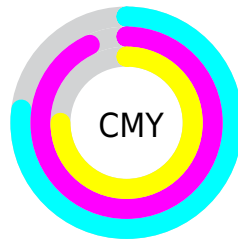
-  Red (23%)
-  Green (7%)
-  Blue (25%)






-  Red (23%)
-  Yellow (7%)
-  Blue (25%)



-  Cyan (8%)
-  Magenta (72%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (77%)
-  Magenta (93%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1240 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 3B1240 by changing the saturation by 10% instead.

 3B1240

 3B1240

 FFF9FF

 25002A

 6C4070

 000014

 86588A

 000000

 A171A4

 BC8BBF

 D8A5DB

 F5C1F8

 FFDDFF

 3B1240

 3B1240

■ 3A0C40

■ 3C1840

■ 3A0540

■ 3C1F40

■ 390040

■ 3D2540

■ 3E2C40

■ 3E3240

■ 3F3840

■ 403F40

■ 414540

■ 414C40

Harmonies

Analogous

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



151F50



3B1240



4A0429

Triad

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



3B1240



312100



002E37

Complementary

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



3B1240



174012

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.



002E1E



3B1240



1B2800

Square

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



3B1240



431600



002C00



002C4A

Rectangle

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



3B1240



4D041A



002C00



002E2F

Sweetspot

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



3B1240



524254



121740



2A202B



ABABAB



2B2B2B

Same Dimension

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



3B1240



4C0C54



40122E



211E21



560061



C800E0

Inverse Universe

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



401217



540C14



124024



211E1E



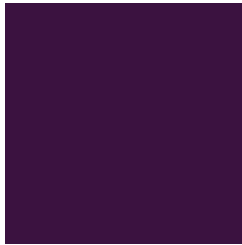
61000B



E00018

Previews

White Background



This preview shows how the Hex color 3B1240 looks on a white background.

Color Contrast Check

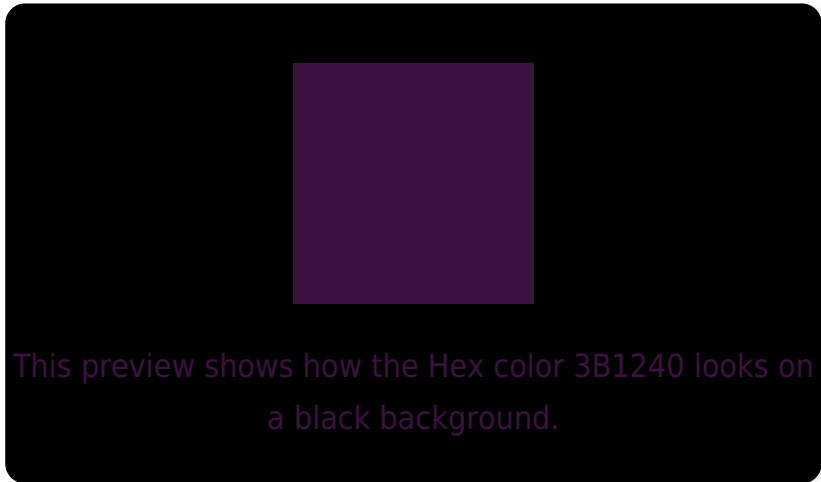
Large Text (above 18pt) WCAG AA ✓ Pass

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

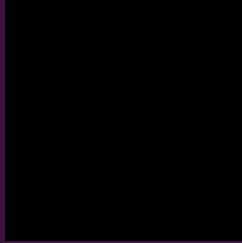
Any Text WCAG AA × Fail

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 3B1240 Background



This preview shows how black text looks on a background with the Hex color 3B1240.



This preview shows how white text looks on a background with the Hex color 3B1240.

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](#).

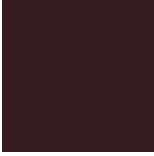
Dichromacy



Original Color
3B1240

Protanopia
00244C

Deuteranopia
16253D



Tritanopia
371D1F

Trichromacy



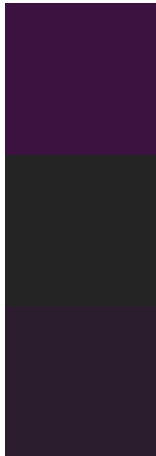
Original Color
3B1240

Protanomaly
151D48

Deuteranomaly
231E3E

Tritanomaly
38192B

Monochromacy



Original Color
3B1240

Achromatopsia
242424

Achromatomaly
2C1D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1240 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 #3B1240 looks like.

```
.text, #text, p{  
    color:#3B1240  
}
```

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 #3B1240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1240
}
```

Border

The CSS property to change the border of an element to Hex 3B1240 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".

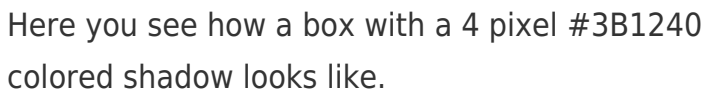
```
.border, #border, table{ border:4px solid
#3B1240 }
```

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

```
.border{ border-color:#3B1240 }
```

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

Here you see how a box with a 4 pixel #3B1240 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1240; -webkit-box-shadow:4px 4px  
4px 4px #3B1240; box-shadow:4px 4px 4px  
4px #3B1240 }
```

Background

The CSS property to change the background color of an element to Hex 3B1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1240 }
```

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

```
.background{ background-color:#3B1240 }
```

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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