

Converting Colors

Hex(3B1F4C)

Have a look what the booklet for
Hex(3B1F4C) contains.

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Color

Hex(3B1F4C)

Conversions

Conversions Part 1

Format	Color
Hex	3B1F4C
RGB	59, 31, 76
RGB Percent	23%, 12%, 30%
CMY	0.7686, 0.8784, 0.7020
CMYK	0.22, 0.59, 0.00, 0.70
HSL	277°, 42%, 21%
HSV	277°, 59%, 30%
XYZ	3.5981, 2.4316, 7.1172
YIQ	44.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

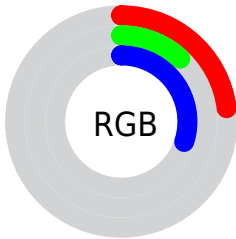
Format	Color
R_{YB}	59, 31, 76
Decimal	3874636
CIE _{Lab}	17.61, 23.03, -22.62
CIE _{LCh}	18, 32.284, 315.513
Yxy	2.4316, 0.2737, 0.1850
Android (android.graphics.Color)	4282064716 (0xFF3B1F4C)
YUV	44.5020, 15.5285, 12.7147
Hunter-Lab	15.5935, 13.8993, -16.1456

Details

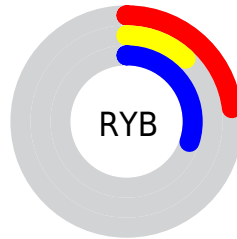
The Hex color **3B1F4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **304C1F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6C4C7D**, and **0B0020** is the 20% darker color. If you saturate the color by 10%, you get **38174C**, and if you desaturate by 10%, it is **3E274C**.

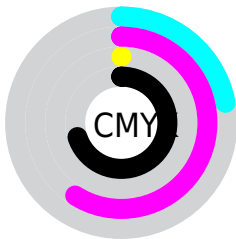
Distribution



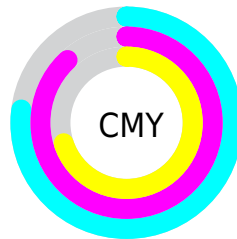
- Red (23%)
- Green (12%)
- Blue (30%)



- Red (23%)
- Yellow (12%)
- Blue (30%)



- Cyan (22%)
- Magenta (59%)
- Yellow (0%)
- Black (70%)



- Cyan (77%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1F4C 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 3B1F4C by changing the saturation by 10% instead.

■ 3B1F4C

■ 3B1F4C

FFFFFF

■ 240A35

■ 6C4C7D

■ 0B0020

■ 856597

■ 000003

■ A07EB2

■ 000000

■ BB98CE

■ D7B3EA

■ F4CEFF

■ FFEBFF

■ 3B1F4C

■ 3B1F4C

■ 38174C

■ 3E274C

■ 35104C

■ 412E4C

■ 32084C

■ 44364C

■ 30014C

■ 463D4C

■ 2F004C

■ 49454C

■ 4C4D4C

■ 4F544C

■ 525C4C

■ 55634C

Harmonies

Analogous

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



0C2A58



3B1F4C



4F1437

Triad

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



3B1F4C



402600



003637

Complementary

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



3B1F4C



304C1F

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.



00351F



3B1F4C



2C2E00

Square

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



3B1F4C



4E1B08



0E3305



00354C

Rectangle

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



3B1F4C



541128



0E3305



00362F

Sweetspot

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



3B1F4C



5D5263



1F304C



2F2833



B3B3B3



333333

Same Dimension

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



3B1F4C



491D63



4C1F47



252226



3F0066



8F00E6

Inverse Universe

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



4C1F30



631D38



1F4C24



262224



660027



E60057

Previews

White Background



This preview shows how the Hex color 3B1F4C looks on a white background.

Color Contrast Check

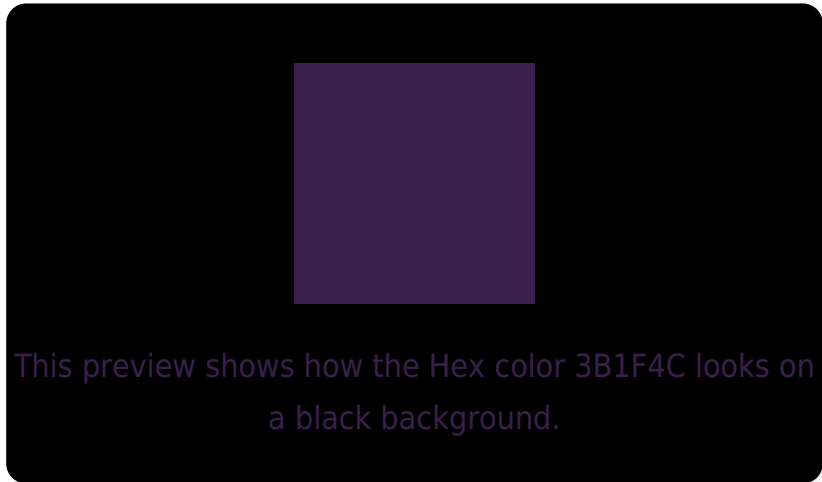
Large Text (above 18pt) WCAG AA ✓ Pass

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

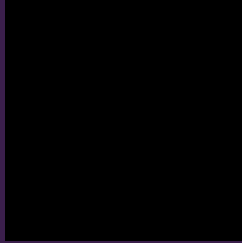
Any Text WCAG AA × Fail

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 3B1F4C Background



This preview shows how black text looks on a background with the Hex color 3B1F4C.



This preview shows how white text looks on a background with the Hex color 3B1F4C.

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](#).

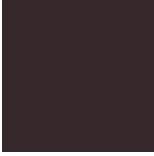
Dichromacy



Original Color
3B1F4C

Protanopia
0E2A57

Deuteranopia
182C49



Tritanopia
36282B

Trichromacy



Original Color
3B1F4C

Protanomaly
1E2653

Deuteranomaly
25274A

Tritanomaly
382537

Monochromacy



Original Color
3B1F4C

Achromatopsia
2D2D2D

Achromatomaly
322838

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1F4C 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 #3B1F4C looks like.

```
.text, #text, p{  
    color:#3B1F4C  
}
```

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 #3B1F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1F4C
}
```

Border

The CSS property to change the border of an element to Hex 3B1F4C 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".

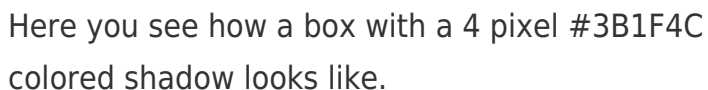
```
.border, #border, table{ border:4px solid
#3B1F4C }
```

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

```
.border{ border-color:#3B1F4C }
```

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

Here you see how a box with a 4 pixel #3B1F4C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1F4C; -webkit-box-shadow:4px 4px  
4px 4px #3B1F4C; box-shadow:4px 4px 4px  
4px #3B1F4C }
```

Background

The CSS property to change the background color of an element to Hex 3B1F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1F4C }
```

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

```
.background{ background-color:#3B1F4C }
```

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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