

Converting Colors

Hex(3B064A)

Have a look what the booklet for
Hex(3B064A) contains.

Hex(3B064A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B064A)

Conversions

Conversions Part 1

Format	Color
Hex	3B064A
RGB	59, 6, 74
RGB Percent	23%, 2%, 29%
CMY	0.7686, 0.9765, 0.7098
CMYK	0.20, 0.92, 0.00, 0.71
HSL	287°, 85%, 16%
HSV	287°, 92%, 29%
XYZ	3.1048, 1.5545, 6.6150
YIQ	29.5990, 9.7600, 32.3840

Conversions

Conversions Part 2

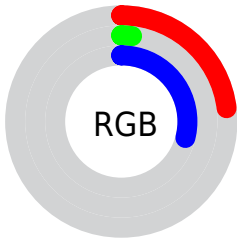
Format	Color
R_{YB}	59, 6, 74
Decimal	3868234
CIE _{Lab}	12.95, 35.05, -28.71
CIE _{LCh}	13, 45.306, 320.678
Yxy	1.5545, 0.2754, 0.1379
Android (android.graphics.Color)	4282058314 (0xFF3B064A)
YUV	29.5990, 21.8897, 25.7847
Hunter-Lab	12.4678, 22.6321, -22.7296

Details

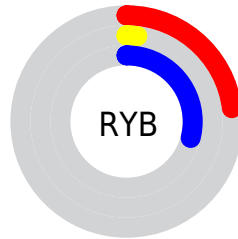
The Hex color **3B064A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **154A06**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6D387B**, and **00001D** is the 20% darker color. If you saturate the color by 10%, you get **3A004A**, and if you desaturate by 10%, it is **3D0D4A**.

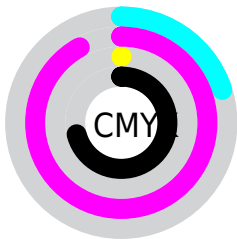
Distribution



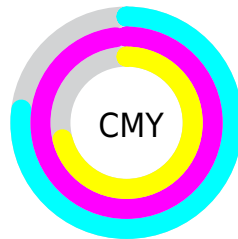
- Red (23%)
- Green (2%)
- Blue (29%)



- Red (23%)
- Yellow (2%)
- Blue (29%)



- Cyan (20%)
- Magenta (92%)
- Yellow (0%)
- Black (71%)



- Cyan (77%)
- Magenta (98%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B064A 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 3B064A by changing the saturation by 10% instead.

 3B064A

 3B064A

 FFF2FF

 250033

 6D387B

 00001D

 875095

 000000

 A269B0

 BE83CC

 DA9EE8

 F7B9FF

 FFD5FF

 3B064A

 3B064A

■ 3A004A

■ 3D0D4A

■ 3E154A

■ 401C4A

■ 42244A

■ 432B4A

■ 45324A

■ 463A4A

■ 48414A

■ 4A494A

Harmonies

Analogous

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



001E5E



3B064A



52002D

Triad

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



3B064A



331D00



002E37

Complementary

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



3B064A



154A06

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.



002E16



3B064A



162600

Square

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



3B064A



480800



002B00



002D52

Rectangle

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



3B064A



550018



002B00



002E2C

Sweetspot

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



3B064A



5B4661



06164A



2D2030



B0B0B0



303030

Same Dimension

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



3B064A



4C0061



4A0638



252226



500066



B300E6

Inverse Universe

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



4A0615



610015



064A18



262223



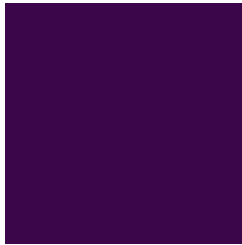
660017



E60033

Previews

White Background



This preview shows how the Hex color 3B064A looks on a white background.

Color Contrast Check

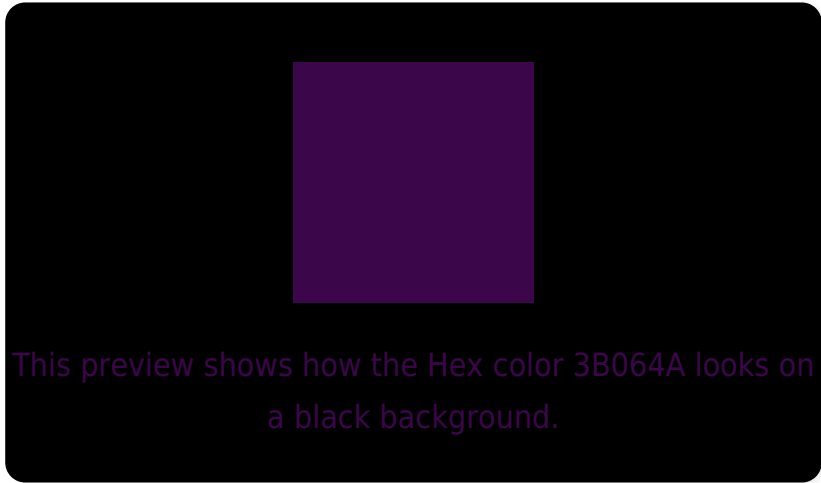
Large Text (above 18pt) WCAG AA ✓ Pass

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

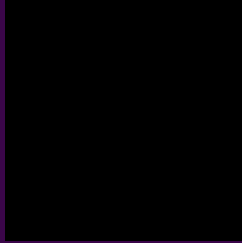
Any Text WCAG AA × Fail

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 3B064A Background



This preview shows how black text looks on a background with the Hex color 3B064A.



This preview shows how white text looks on a background with the Hex color 3B064A.

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
3B064A

Protanopia
00234A

Deuteranopia
002541



Tritanopia
351D1F

Trichromacy



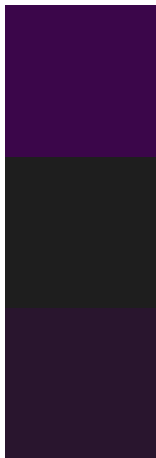
Original Color
3B064A

Protanomaly
15184A

Deuteranomaly
151A44

Tritanomaly
37152F

Monochromacy



Original Color
3B064A

Achromatopsia
1E1E1E

Achromatomaly
29152E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B064A 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 #3B064A looks like.

```
.text, #text, p{  
    color:#3B064A  
}
```

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 #3B064A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B064A
}
```

Border

The CSS property to change the border of an element to Hex 3B064A 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".

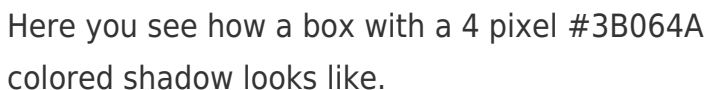
```
.border, #border, table{ border:4px solid
#3B064A }
```

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

```
.border{ border-color:#3B064A }
```

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

Here you see how a box with a 4 pixel #3B064A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B064A; -webkit-box-shadow:4px 4px  
4px 4px #3B064A; box-shadow:4px 4px 4px  
4px #3B064A }
```

Background

The CSS property to change the background color of an element to Hex 3B064A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B064A }
```

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

```
.background{ background-color:#3B064A }
```

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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