

Converting Colors

Hex(31004B)

Have a look what the booklet for
Hex(31004B) contains.

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Color

Hex(31004B)

Conversions

Conversions Part 1

Format	Color
Hex	31004B
RGB	49, 0, 75
RGB Percent	19%, 0%, 29%
CMY	0.8078, 1.0000, 0.7059
CMYK	0.35, 1.00, 0.00, 0.71
HSL	279°, 100%, 15%
HSV	279°, 100%, 29%
XYZ	2.5366, 1.1610, 6.7470
YIQ	23.2010, 5.1290, 33.7130

Conversions

Conversions Part 2

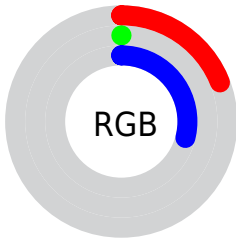
Format	Color
RYB	49, 0, 75
Decimal	3211339
CIELab	10.27, 36.20, -33.86
CIELCh	10, 49.568, 316.919
Yxy	1.1610, 0.2429, 0.1112
Android (android.graphics.Color)	4281401419 (0xFF31004B)
YUV	23.2010, 25.5369, 22.6257
Hunter-Lab	10.7748, 23.1668, -29.5840

Details

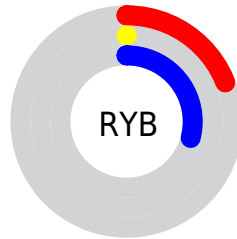
The Hex color **31004B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **1A4B00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **63317D**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **31004B**, and if you desaturate by 10%, it is **34074B**.

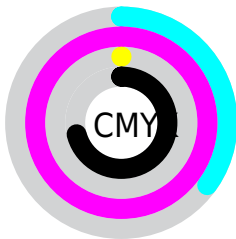
Distribution



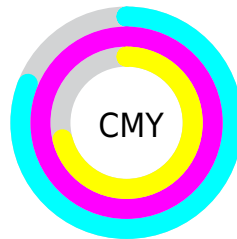
- Red (19%)
- Green (0%)
- Blue (29%)



- Red (19%)
- Yellow (0%)
- Blue (29%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)




- Cyan (81%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31004B 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 31004B by changing the saturation by 10% instead.

 31004B

 31004B

 FFE9FF

 1E0034

 63317D

 00021E

 7D4997

 000000

 9862B2

 B47CCD

 D096EA

 ECB1FF

 FFCDFD

 31004B

■ 34074B

■ 360F4B

■ 39174B

■ 3B1E4B

■ 3E264B

■ 412D4B

■ 43354B

■ 463C4B

■ 48444B

Harmonies

Analogous

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



001B5E



31004B



4D002C

Triad

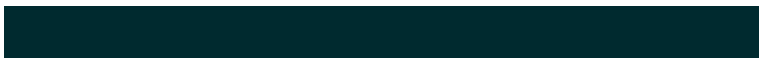
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31004B



301500



002A2F

Complementary

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



31004B



1A4B00

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.



002908



31004B



112000

Square

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



31004B



460000



002700



00294E

Rectangle

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



31004B



520016



002700



002923

Sweetspot

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



31004B



574461



001A4B



2A1F30



B0B0B0



303030

Same Dimension

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



31004B



3F0061



4B0040



252226



430066



9600E6

Inverse Universe

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



4B001A



610022



004B0B



262224



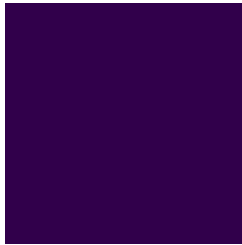
660023



E60050

Previews

White Background



This preview shows how the Hex color 31004B looks on a white background.

Color Contrast Check

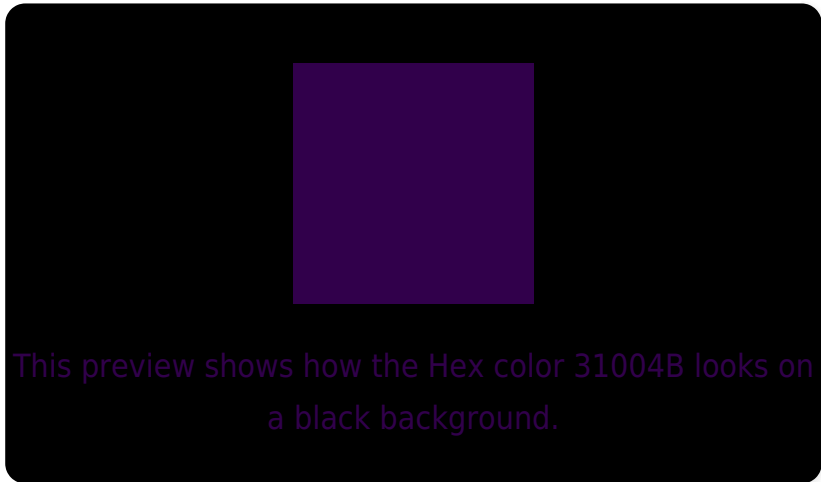
Large Text (above 18pt) WCAG AA ✓ Pass

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

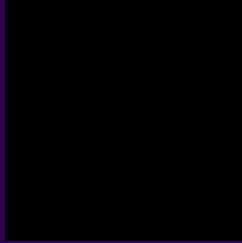
Any Text WCAG AA × Fail

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 31004B Background



This preview shows how black text looks on a background with the Hex color 31004B.



This preview shows how white text looks on a background with the Hex color 31004B.

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
31004B

Deuteranopia
002139

Tritanopia
291D20

Trichromacy

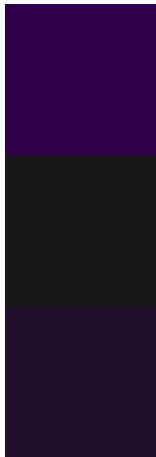


Original Color
31004B

Deuteranomaly
121540

Tritanomaly
2C1230

Monochromacy



Original Color
31004B

Achromatopsia
171717

Achromatomaly
200F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 31004B 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 #31004B looks like.

```
.text, #text, p{  
    color:#31004B  
}
```

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 #31004B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31004B
}
```

Border

The CSS property to change the border of an element to Hex 31004B is called "border". The border property can be set on classes, ids or directly on the HTML element.

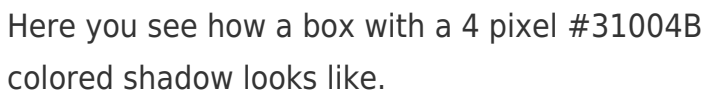
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31004B }
```

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

```
.border{ border-color:#31004B }
```

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



Here you see how a box with a 4 pixel #31004B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31004B; -webkit-box-shadow:4px 4px  
4px 4px #31004B; box-shadow:4px 4px 4px  
4px #31004B }
```

Background

The CSS property to change the background color of an element to Hex 31004B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31004B }
```

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

```
.background{ background-color:#31004B }
```

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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