

Converting Colors

Hex(31065C)

Have a look what the booklet for
Hex(31065C) contains.

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Color

Hex(31065C)

Conversions

Conversions Part 1

Format	Color
Hex	31065C
RGB	49, 6, 92
RGB Percent	19%, 2%, 36%
CMY	0.8078, 0.9765, 0.6392
CMYK	0.47, 0.93, 0.00, 0.64
HSL	270°, 88%, 19%
HSV	270°, 93%, 36%
XYZ	3.2635, 1.5559, 10.2535
YIQ	28.6610, -1.9780, 35.8620

Conversions

Conversions Part 2

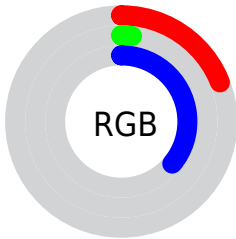
Format	Color
RYB	49, 6, 92
Decimal	3212892
CIELab	12.96, 37.69, -41.06
CIELCh	13, 55.735, 312.547
Yxy	1.5559, 0.2165, 0.1032
Android (android.graphics.Color)	4281402972 (0xFF31065C)
YUV	28.6610, 31.2261, 17.8373
Hunter-Lab	12.4737, 24.8724, -40.0056

Details

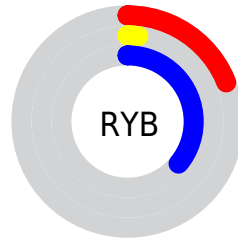
The Hex color **31065C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **315C06**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **65378F**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **2E005C**, and if you desaturate by 10%, it is **360F5C**.

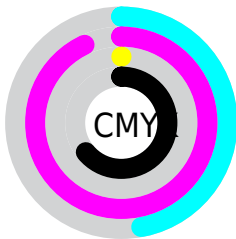
Distribution



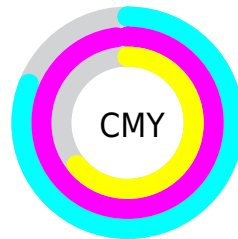
- Red (19%)
- Green (2%)
- Blue (36%)



- Red (19%)
- Yellow (2%)
- Blue (36%)



- Cyan (47%)
- Magenta (93%)
- Yellow (0%)
- Black (64%)




- Cyan (81%)
- Magenta (98%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31065C 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 31065C by changing the saturation by 10% instead.

 31065C

 31065C

 FFF1FF

 190044

 65378F

 00002D

 7F50AA

 000117

 9A69C6


 000000


 B682E2

 D39DFF

 EFB8FF

 FFD4FF

 31065C

 31065C

■ 2E005C

■ 360F5C

■ 3A185C

■ 3F225C

■ 432B5C

■ 48345C

■ 4D3D5C

■ 51465C

■ 56505C

■ 5A595C

Harmonies

Analogous

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



002370



31065C



57003A

Triad

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



31065C



3D1700



003131

Complementary

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



31065C



315C06

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.



002F03



31065C



1C2500

Square

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



31065C



540000



002C00



003056

Rectangle

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



31065C



5F0020



002C00



003024

Sweetspot

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



31065C



675678



06315C



33283D



BDBDBD



3D3D3D

Same Dimension

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



31065C



3C0078



5C065C



2C292E



37006E



7700ED

Inverse Universe

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



5C0631



78003C



065C06



2E292C



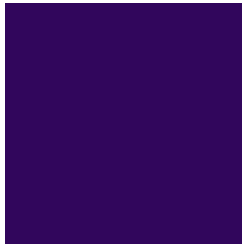
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 31065C looks on a white background.

Color Contrast Check

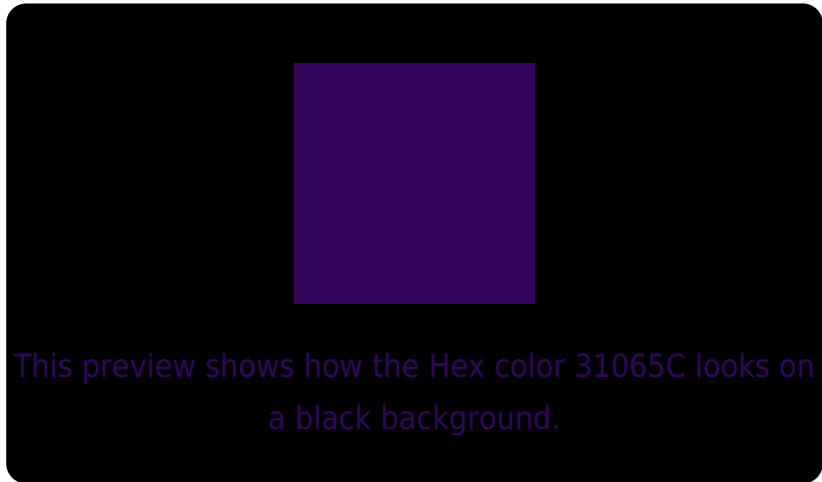
Large Text (above 18pt) WCAG AA ✓ Pass

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

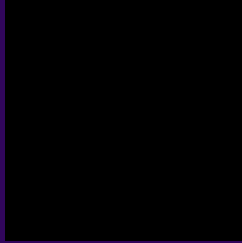
Any Text WCAG AA × Fail

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 31065C Background



This preview shows how black text looks on a background with the Hex color 31065C.



This preview shows how white text looks on a background with the Hex color 31065C.

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
31065C

Protanopia
00234A

Deuteranopia
00253F



Tritanopia
242427

Trichromacy



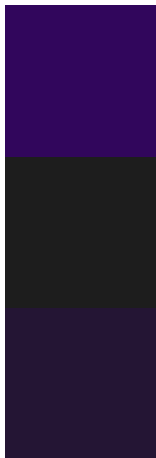
Original Color
31065C

Protanomaly
121851

Deuteranomaly
121A4A

Tritanomaly
29193A

Monochromacy



Original Color
31065C

Achromatopsia
1D1D1D

Achromatomaly
241534

CSS Examples

Text

The CSS property to change the color of the text to Hex 31065C 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 #31065C looks like.

```
.text, #text, p{  
    color:#31065C  
}
```

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 #31065C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31065C
}
```

Border

The CSS property to change the border of an element to Hex 31065C is called "border". The border property can be set on classes, ids or directly on the HTML element.

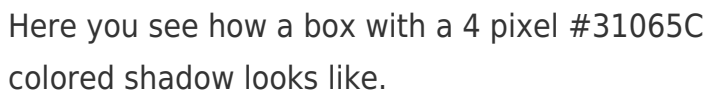
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31065C }
```

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

```
.border{ border-color:#31065C }
```

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



Here you see how a box with a 4 pixel #31065C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31065C; -webkit-box-shadow:4px 4px  
4px 4px #31065C; box-shadow:4px 4px 4px  
4px #31065C }
```

Background

The CSS property to change the background color of an element to Hex 31065C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31065C }
```

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

```
.background{ background-color:#31065C }
```

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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