

Converting Colors

Hex(1C3047)

Have a look what the booklet for
Hex(1C3047) contains.

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Color

Hex(1C3047)

Conversions

Conversions Part 1

Format	Color
Hex	1C3047
RGB	28, 48, 71
RGB Percent	11%, 19%, 28%
CMY	0.8902, 0.8118, 0.7216
CMYK	0.61, 0.32, 0.00, 0.72
HSL	212°, 43%, 19%
HSV	212°, 61%, 28%
XYZ	2.6732, 2.8157, 6.3638
YIQ	44.6420, -19.3030, 2.9130

Conversions

Conversions Part 2

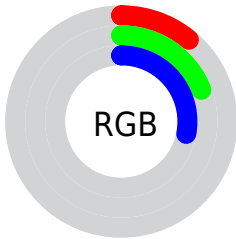
Format	Color
RYB	28, 42, 71
Decimal	1847367
CIELab	19.29, -0.06, -16.77
CIELCh	19, 16.771, 269.801
Yxy	2.8157, 0.2255, 0.2376
Android (android.graphics.Color)	4280037447 (0xFF1C3047)
YUV	44.6420, 12.9945, -14.5950
Hunter-Lab	16.7801, -0.9290, -10.7396

Details

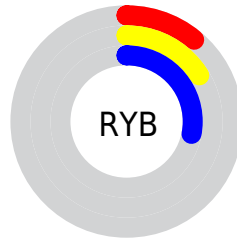
The Hex color **1C3047** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47331C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4B5E78**, and **00011C** is the 20% darker color. If you saturate the color by 10%, you get **152C47**, and if you desaturate by 10%, it is **233447**.

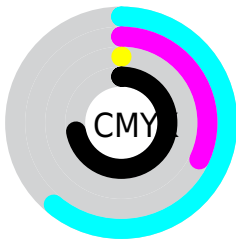
Distribution



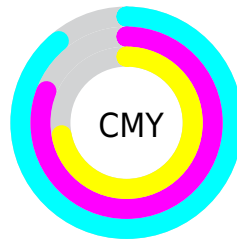
- Red (11%)
- Green (19%)
- Blue (28%)



- Red (11%)
- Yellow (16%)
- Blue (28%)



- Cyan (61%)
- Magenta (32%)
- Yellow (0%)
- Black (72%)



- Cyan (89%)
- Magenta (81%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3047 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 1C3047 by changing the saturation by 10% instead.

■ 1C3047

■ 1C3047

FFFFFF

■ 031B30

■ 4B5E78

■ 00011C

■ 647691

■ 000000

■ 7E90AC

■ 98AAC7

■ B3C6E3

■ CFE2FF

■ EBF EFF

■ 1C3047

■ 1C3047

■ 152C47

■ 233447

■ 0E2847

■ 2A3847

■ 072547

■ 313B47

■ 002147

■ 383F47

■ 404347

■ 474747

■ 4E4B47

■ 554E47

■ 5C5247

Harmonies

Analogous

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



033344



1C3047



302C44

Triad

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



1C3047



462623



1B3422

Complementary

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



1C3047



47331C

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.



2A3219



1C3047



402A1A

Square

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



1C3047



45252F



372E16



08352E

Rectangle

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



1C3047



3A293F



372E16



21331F

Sweetspot

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



1C3047



4B535C



1C4733



24282E



ADADAD



2E2E2E

Same Dimension

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



1C3047



19385C



1D1C47



202224



002E63



006AE3

Inverse Universe

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



471C30



5C1938



46471C



242022



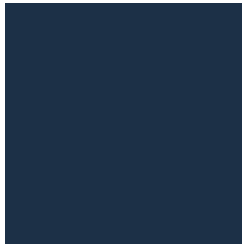
63002E



E3006A

Previews

White Background



This preview shows how the Hex color 1C3047 looks on a white background.

Color Contrast Check

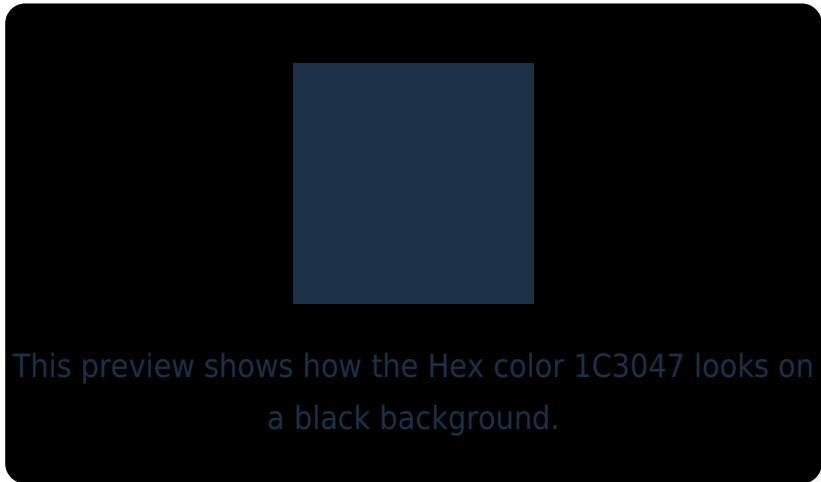
Large Text (above 18pt) WCAG AA ✓ Pass

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

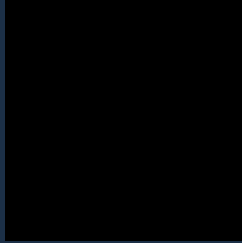
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

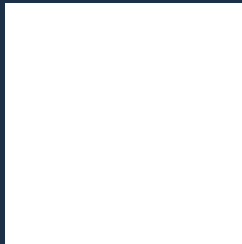
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1C3047 Background



This preview shows how black text looks on a background with the Hex color 1C3047.



This preview shows how white text looks on a background with the Hex color 1C3047.

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](#).

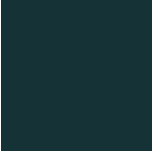
Dichromacy



Original Color
1C3047

Protanopia
272E45

Deuteranopia
232F47



Tritanopia
153337

Trichromacy



Original Color
1C3047

Protanomaly
232F46

Deuteranomaly
202F47

Tritanomaly
18323D

Monochromacy



Original Color
1C3047

Achromatopsia
2D2D2D

Achromatomaly
272E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3047 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 #1C3047 looks like.

```
.text, #text, p{  
    color:#1C3047  
}
```

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 #1C3047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3047
}
```

Border

The CSS property to change the border of an element to Hex 1C3047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

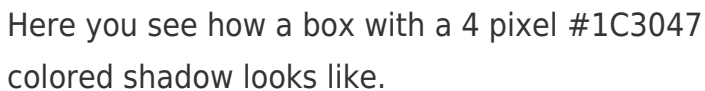
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C3047 }
```

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

```
.border{ border-color:#1C3047 }
```

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



Here you see how a box with a 4 pixel #1C3047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3047; -webkit-box-shadow:4px 4px  
4px 4px #1C3047; box-shadow:4px 4px 4px  
4px #1C3047 }
```

Background

The CSS property to change the background color of an element to Hex 1C3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3047 }
```

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

```
.background{ background-color:#1C3047 }
```

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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