

Converting Colors

Hex(2B0C49)

Have a look what the booklet for
Hex(2B0C49) contains.

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Color

Hex(2B0C49)

Conversions

Conversions Part 1

Format	Color
Hex	2B0C49
RGB	43, 12, 73
RGB Percent	17%, 5%, 29%
CMY	0.8314, 0.9529, 0.7137
CMYK	0.41, 0.84, 0.00, 0.71
HSL	270°, 72%, 17%
HSV	270°, 84%, 29%
XYZ	2.3303, 1.2576, 6.4232
YIQ	28.2230, -1.1050, 25.5430

Conversions

Conversions Part 2

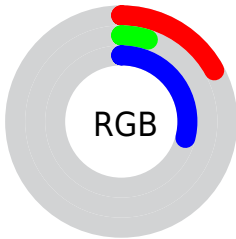
Format	Color
R_{YB}	43, 12, 73
Decimal	2821193
CIE _{Lab}	10.98, 28.98, -31.35
CIE _{LCh}	11, 42.691, 312.754
Yxy	1.2576, 0.2328, 0.1256
Android (android.graphics.Color)	4281011273 (0xFF2B0C49)
YUV	28.2230, 22.0751, 12.9594
Hunter-Lab	11.2142, 17.4680, -26.1102




Details

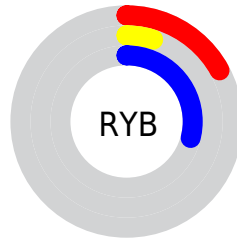
The Hex color **2B0C49** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2A490C**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **5C397A**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **270549**, and if you desaturate by 10%, it is **2F1349**.

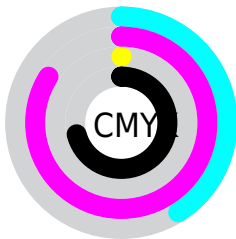
Distribution







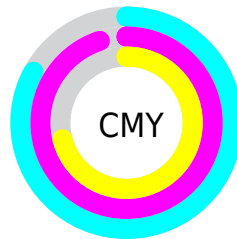
-  Red (17%)
-  Green (5%)
-  Blue (29%)






-  Red (17%)
-  Yellow (5%)
-  Blue (29%)



-  Cyan (41%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (83%)
-  Magenta (95%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0C49 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 2B0C49 by changing the saturation by 10% instead.

■ 2B0C49

■ 2B0C49

■ FFF1FF

■ 190032

■ 5C397A

■ 00021C

■ 765194

■ 000000

■ 906AAF

■ AB83CB

■ C79DE7

■ E3B9FF

■ FFD4FF

■ 2B0C49

■ 2B0C49

■ 270549

■ 2F1349

■ 250049

■ 321B49

■ 362249

■ 392949

■ 3D3149

■ 413849

■ 443F49

■ 484649

■ 4B4E49

Harmonies

Analogous

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



001E58



2B0C49



46002F

Triad

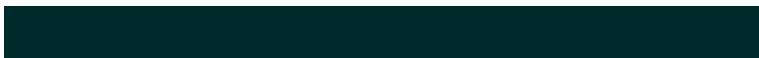
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0C49



331600



002A2A

Complementary

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



2B0C49



2A490C

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.



002907



2B0C49



1B2000

Square

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



2B0C49



450000



002600



002945

Rectangle

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



2B0C49



4D001C



002600



002A1F

Sweetspot

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



2B0C49



53475E



0C2B49



292230



B0B0B0



303030

Same Dimension

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



2B0C49



30005E



490C49



222024



330063



7300E3

Inverse Universe

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



490C2A



5E002E



0C490C



242022



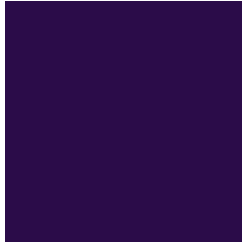
630031



E30070

Previews

White Background



This preview shows how the Hex color 2B0C49 looks on a white background.

Color Contrast Check

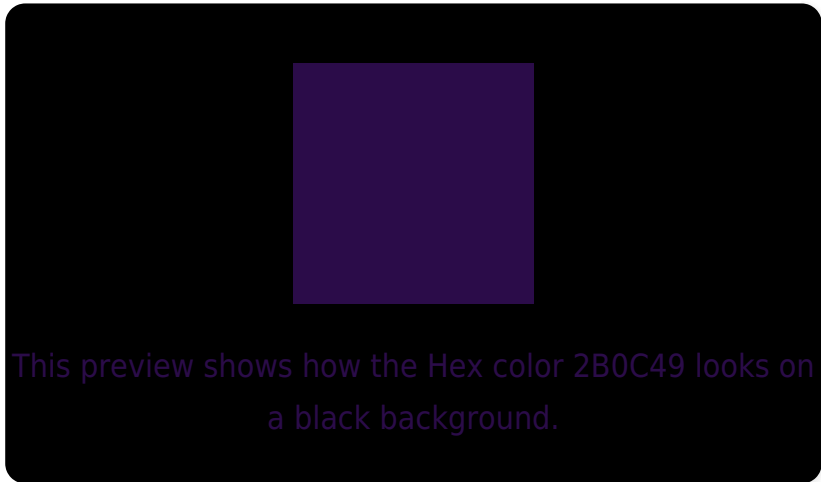
Large Text (above 18pt) WCAG AA ✓ Pass

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

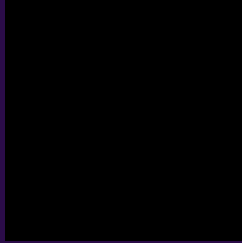
Any Text WCAG AA × Fail

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 2B0C49 Background



This preview shows how black text looks on a background with the Hex color 2B0C49.



This preview shows how white text looks on a background with the Hex color 2B0C49.

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
2B0C49

Protanopia
001E40

Deuteranopia
002037

Trichromacy



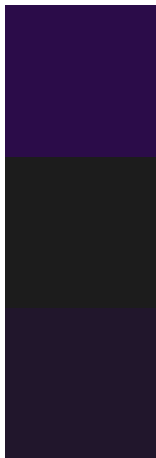
Original Color
2B0C49

Protanomaly
101743

Deuteranomaly
10193E

Tritanomaly
25172F

Monochromacy



Original Color
2B0C49

Achromatopsia
1C1C1C

Achromatomaly
21162C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0C49 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 #2B0C49 looks like.

```
.text, #text, p{  
    color:#2B0C49  
}
```

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 #2B0C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0C49
}
```

Border

The CSS property to change the border of an element to Hex 2B0C49 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
#2B0C49 }
```

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

```
.border{ border-color:#2B0C49 }
```

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

Here you see how a box with a 4 pixel #2B0C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0C49; -webkit-box-shadow:4px 4px  
4px 4px #2B0C49; box-shadow:4px 4px 4px  
4px #2B0C49 }
```

Background

The CSS property to change the background color of an element to Hex 2B0C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0C49 }
```

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

```
.background{ background-color:#2B0C49 }
```

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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