

Converting Colors

Hex(2B0C5A)

Have a look what the booklet for
Hex(2B0C5A) contains.

Hex(2B0C5A)	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(2B0C5A)

Conversions

Conversions Part 1

Format	Color
Hex	2B0C5A
RGB	43, 12, 90
RGB Percent	17%, 5%, 35%
CMY	0.8314, 0.9529, 0.6471
CMYK	0.52, 0.87, 0.00, 0.65
HSL	264°, 76%, 20%
HSV	264°, 87%, 35%
XYZ	2.9732, 1.5147, 9.8085
YIQ	30.1610, -6.5620, 30.8300

Conversions

Conversions Part 2

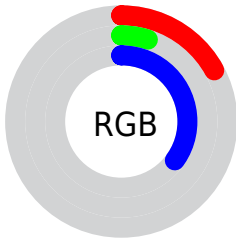
Format	Color
R_{YB}	43, 12, 90
Decimal	2821210
CIE _{Lab}	12.70, 33.83, -40.17
CIE _{LCh}	13, 52.518, 310.103
Yxy	1.5147, 0.2080, 0.1060
Android (android.graphics.Color)	4281011290 (0xFF2B0C5A)
YUV	30.1610, 29.5006, 11.2598
Hunter-Lab	12.3074, 21.5837, -38.6367

Details

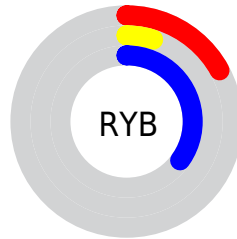
The Hex color **2B0C5A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3B5A0C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **5F3A8D**, and **00012B** is the 20% darker color. If you saturate the color by 10%, you get **26035A**, and if you desaturate by 10%, it is **30155A**.

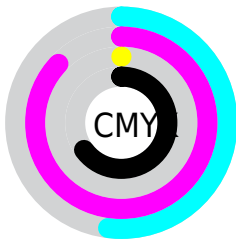
Distribution



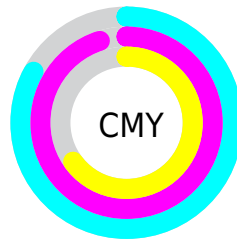
- Red (17%)
- Green (5%)
- Blue (35%)



- Red (17%)
- Yellow (5%)
- Blue (35%)



- Cyan (52%)
- Magenta (87%)
- Yellow (0%)
- Black (65%)



- Cyan (83%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0C5A 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 2B0C5A by changing the saturation by 10% instead.

 2B0C5A

 2B0C5A

 FFF3FF

 130042

 5F3A8D

 00012B

 7952A8

 000115

 946BC3

 000000

 AF85DF

 CB9FFC

 E8BBFF

 FFD7FF

 2B0C5A

 2B0C5A

■ 26035A

■ 30155A

■ 24005A

■ 361E5A

■ 3B275A

■ 41305A

■ 46395A

■ 4C425A

■ 514B5A

■ 56545A

■ 5C5D5A

Harmonies

Analogous

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



00236B



2B0C5A



52003B

Triad

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



2B0C5A



3D1500



002F2D

Complementary

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



2B0C5A



3B5A0C

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.



002E00



2B0C5A



1F2400

Square

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



2B0C5A



520000



002A00



002F50

Rectangle

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



2B0C5A



5A0023



002A00



002F20

Sweetspot

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



2B0C5A



635775



0C3C5A



30283B



BABABA



3B3B3B

Same Dimension

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



2B0C5A



2F0075



510C5A



2B292E



2C006E



5E00ED

Inverse Universe

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



5A0C3B



750047



155A0C



2E292C



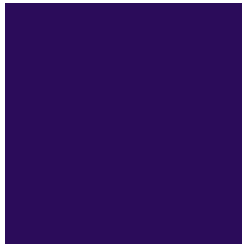
6E0042



ED008F

Previews

White Background



This preview shows how the Hex color 2B0C5A looks on a white background.

Color Contrast Check

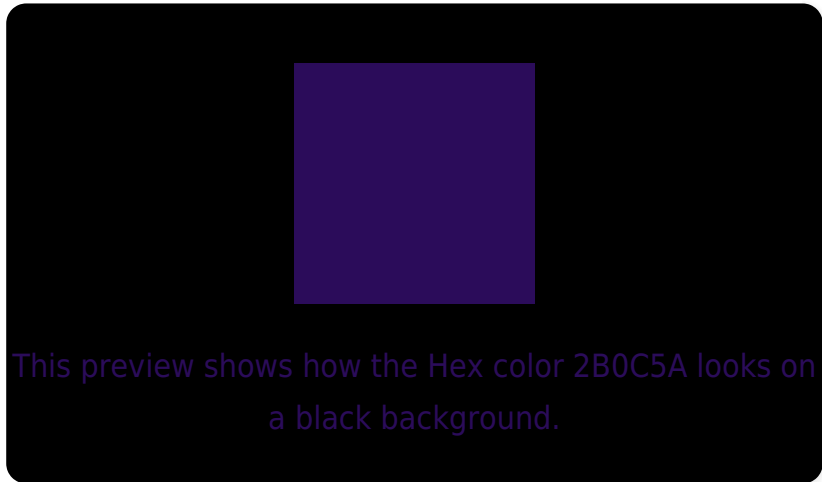
Large Text (above 18pt) WCAG AA ✓ Pass

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

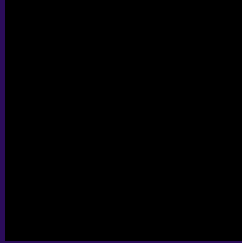
Any Text WCAG AA × Fail

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 2B0C5A Background



This preview shows how black text looks on a background with the Hex color 2B0C5A.



This preview shows how white text looks on a background with the Hex color 2B0C5A.

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
2B0C5A

Protanopia
002247

Deuteranopia
00243D



Tritanopia
1B2427

Trichromacy



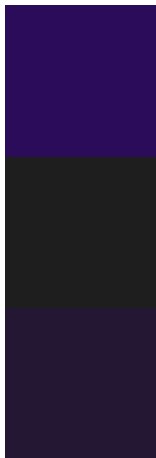
Original Color
2B0C5A

Protanomaly
101A4E

Deuteranomaly
101B48

Tritanomaly
211B3A

Monochromacy



Original Color
2B0C5A

Achromatopsia
1E1E1E

Achromatomaly
231734

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0C5A 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 #2B0C5A looks like.

```
.text, #text, p{  
    color:#2B0C5A  
}
```

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 #2B0C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0C5A
}
```

Border

The CSS property to change the border of an element to Hex 2B0C5A 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
#2B0C5A }
```

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

```
.border{ border-color:#2B0C5A }
```

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

Here you see how a box with a 4 pixel #2B0C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0C5A; -webkit-box-shadow:4px 4px  
4px 4px #2B0C5A; box-shadow:4px 4px 4px  
4px #2B0C5A }
```

Background

The CSS property to change the background color of an element to Hex 2B0C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0C5A }
```

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

```
.background{ background-color:#2B0C5A }
```

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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