

Converting Colors

Hex(2B035B)

Have a look what the booklet for
Hex(2B035B) contains.

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Color

Hex(2B035B)

Conversions

Conversions Part 1

Format	Color
Hex	2B035B
RGB	43, 3, 91
RGB Percent	17%, 1%, 36%
CMY	0.8314, 0.9882, 0.6431
CMYK	0.53, 0.97, 0.00, 0.64
HSL	267°, 94%, 18%
HSV	267°, 97%, 36%
XYZ	2.9172, 1.3340, 10.0013
YIQ	24.9920, -4.4080, 35.8480

Conversions

Conversions Part 2

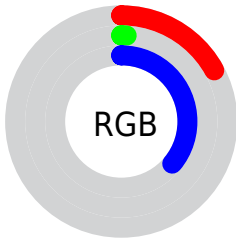
Format	Color
R_{YB}	43, 3, 91
Decimal	2818907
CIE _{Lab}	11.51, 37.96, -42.81
CIE _{LCh}	12, 57.214, 311.568
Yxy	1.3340, 0.2047, 0.0936
Android (android.graphics.Color)	4281008987 (0xFF2B035B)
YUV	24.9920, 32.5419, 15.7930
Hunter-Lab	11.5501, 24.8702, -43.2544

Details

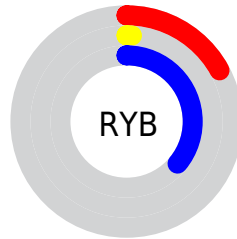
The Hex color **2B035B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **335B03**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5F348E**, and **00022C** is the 20% darker color. If you saturate the color by 10%, you get **29005B**, and if you desaturate by 10%, it is **300C5B**.

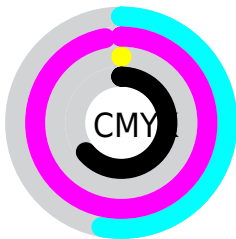
Distribution



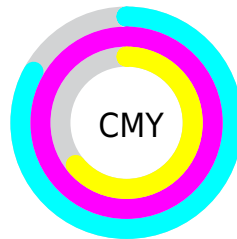
- Red (17%)
- Green (1%)
- Blue (36%)



- Red (17%)
- Yellow (1%)
- Blue (36%)



- Cyan (53%)
- Magenta (97%)
- Yellow (0%)
- Black (64%)



- Cyan (83%)
- Magenta (99%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B035B 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 2B035B by changing the saturation by 10% instead.

 2B035B

 2B035B

 FFEDFF

 140043

 5F348E

 00022C

 7A4CA9

 000116

 9565C5

 000000

 B17FE1

 CD99FE

 EAB4FF

 FFD0FF

 2B035B

 2B035B

■ 29005B

■ 300C5B

■ 35155B

■ 3A1E5B

■ 3F275B

■ 44315B

■ 493A5B

■ 4E435B

■ 534C5B

■ 58555B

Harmonies

Analogous

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



00216F



2B035B



540038

Triad

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



2B035B



3A1200



002D2D

Complementary

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



2B035B



335B03

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.



002C00



2B035B



192200

Square

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



2B035B



510000



002900



002E53

Rectangle

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



2B035B



5C001F



002900



002C20

Sweetspot

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



2B035B



635375



03335B



2F263B



BABABA



3B3B3B

Same Dimension

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



2B035B



350075



57035B



2B292E



32006E



6C00ED

Inverse Universe

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



5B0333



750040



075B03



2E292C



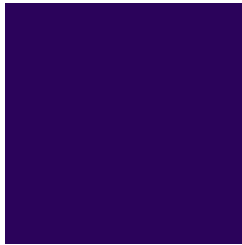
6E003C



ED0081

Previews

White Background



This preview shows how the Hex color 2B035B looks on a white background.

Color Contrast Check

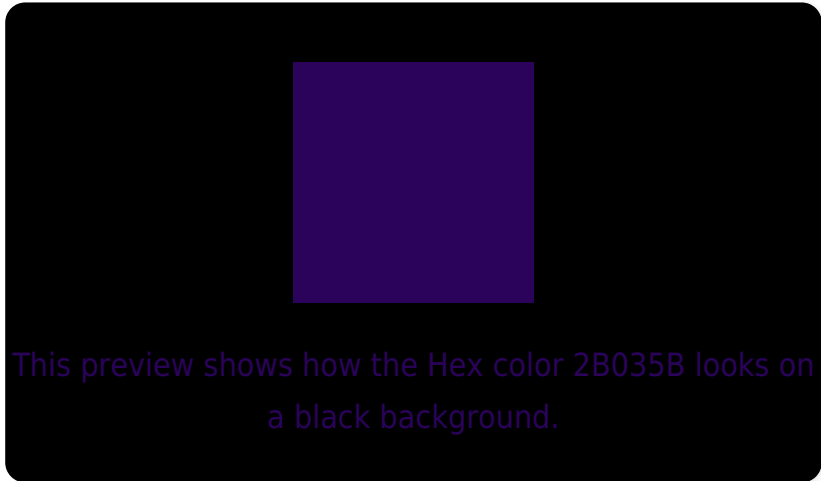
Large Text (above 18pt) WCAG AA ✓ Pass

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

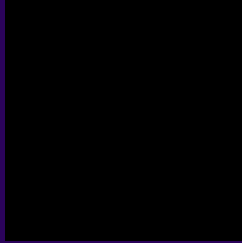
Any Text WCAG AA × Fail

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 2B035B Background



This preview shows how black text looks on a background with the Hex color 2B035B.



This preview shows how white text looks on a background with the Hex color 2B035B.

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](#).

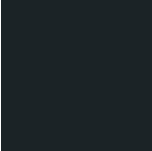
Dichromacy



Original Color
2B035B

Protanopia
002145

Deuteranopia
00233B



Tritanopia
1B2326

Trichromacy



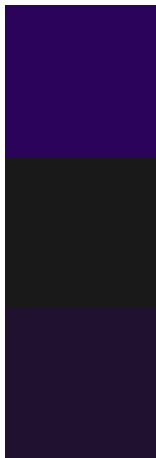
Original Color
2B035B

Protanomaly
10164D

Deuteranomaly
101747

Tritanomaly
211739

Monochromacy



Original Color
2B035B

Achromatopsia
191919

Achromatomaly
201131

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B035B 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 #2B035B looks like.

```
.text, #text, p{  
    color:#2B035B  
}
```

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 #2B035B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B035B
}
```

Border

The CSS property to change the border of an element to Hex 2B035B is called "border". The border property can be set on classes, ids or directly on the HTML element.

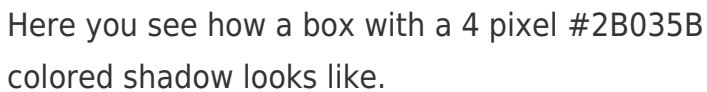
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B035B }
```

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

```
.border{ border-color:#2B035B }
```

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



Here you see how a box with a 4 pixel #2B035B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B035B; -webkit-box-shadow:4px 4px  
4px 4px #2B035B; box-shadow:4px 4px 4px  
4px #2B035B }
```

Background

The CSS property to change the background color of an element to Hex 2B035B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B035B }
```

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

```
.background{ background-color:#2B035B }
```

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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