

Converting Colors

Hex(2B045D)

Have a look what the booklet for
Hex(2B045D) contains.

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Color

Hex(2B045D)

Conversions

Conversions Part 1

Format	Color
Hex	2B045D
RGB	43, 4, 93
RGB Percent	17%, 2%, 36%
CMY	0.8314, 0.9843, 0.6353
CMYK	0.54, 0.96, 0.00, 0.64
HSL	266°, 92%, 19%
HSV	266°, 96%, 36%
XYZ	3.0155, 1.3907, 10.4654
YIQ	25.8070, -5.3250, 35.9470

Conversions

Conversions Part 2

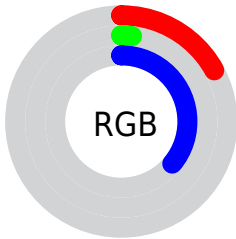
Format	Color
R_{YB}	43, 4, 93
Decimal	2819165
CIE _{Lab}	11.90, 38.04, -43.52
CIE _{LCh}	12, 57.803, 311.161
Yxy	1.3907, 0.2028, 0.0935
Android (android.graphics.Color)	4281009245 (0xFF2B045D)
YUV	25.8070, 33.1261, 15.0783
Hunter-Lab	11.7930, 25.0048, -44.3607

Details

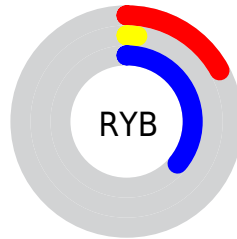
The Hex color **2B045D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **365D04**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **603590**, and **00012E** is the 20% darker color. If you saturate the color by 10%, you get **29005D**, and if you desaturate by 10%, it is **300D5D**.

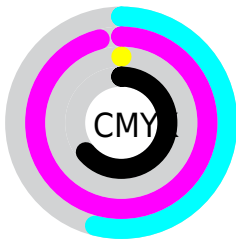
Distribution



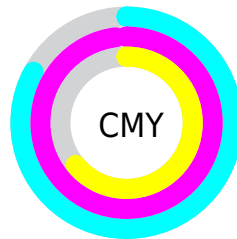
- Red (17%)
- Green (2%)
- Blue (36%)



- Red (17%)
- Yellow (2%)
- Blue (36%)



- Cyan (54%)
- Magenta (96%)
- Yellow (0%)
- Black (64%)



- Cyan (83%)
- Magenta (98%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B045D 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 2B045D by changing the saturation by 10% instead.

 2B045D

 2B045D

 FFEEFF

 130045

 603590

 00012E

 7A4DAB

 000118

 9566C7

 000000

 B180E3

 CD9AFF

 EAB5FF

 FFD1FF

 2B045D

 2B045D

■ 29005D

■ 300D5D

■ 35175D

■ 3B205D

■ 40295D

■ 45325D

■ 4A3C5D

■ 50455D

■ 554E5D

■ 5A585D

Harmonies

Analogous

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



002271



2B045D



55003A

Triad

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



2B045D



3C1300



002E2E

Complementary

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



2B045D



365D04

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.



002D00



2B045D



1A2300

Square

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



2B045D



530000



002A00



002E54

Rectangle

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



2B045D



5D0020



002A00



002D20

Sweetspot

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



2B045D



645578



04365D



31283D



BDBDBD



3D3D3D

Same Dimension

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



2B045D



350078



57045D



2B292E



30006E



6800ED

Inverse Universe

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



5D0436



780043



0A5D04



2E292C



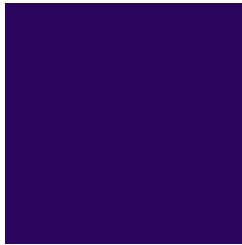
6E003E



ED0085

Previews

White Background



This preview shows how the Hex color 2B045D looks on a white background.

Color Contrast Check

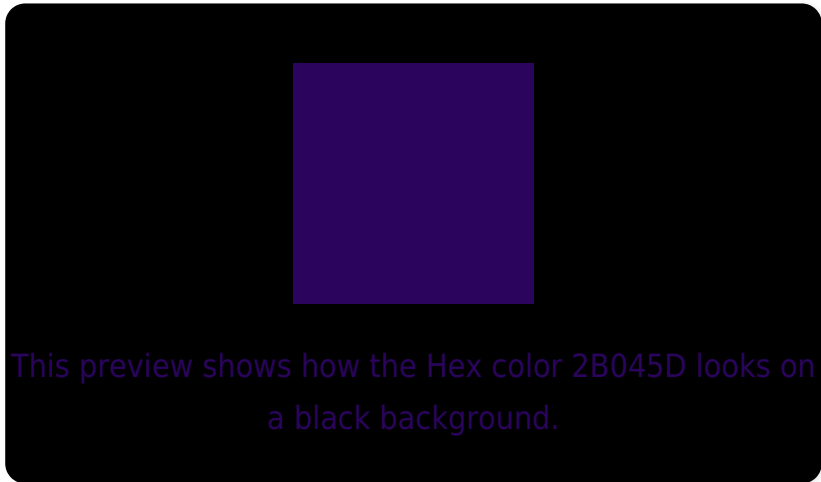
Large Text (above 18pt) WCAG AA ✓ Pass

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

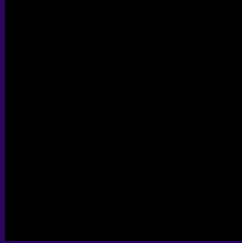
Any Text WCAG AA × Fail

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 2B045D Background



This preview shows how black text looks on a background with the Hex color 2B045D.



This preview shows how white text looks on a background with the Hex color 2B045D.

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
2B045D

Protanopia
002146

Deuteranopia
00243C



Tritanopia
192427

Trichromacy



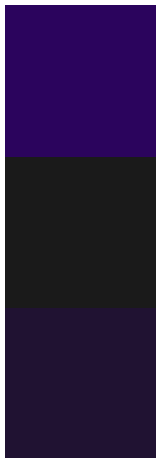
Original Color
2B045D

Protanomaly
10164E

Deuteranomaly
101848

Tritanomaly
20183B

Monochromacy



Original Color
2B045D

Achromatopsia
1A1A1A

Achromatomaly
201232

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B045D 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 #2B045D looks like.

```
.text, #text, p{  
    color:#2B045D  
}
```

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 #2B045D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B045D
}
```

Border

The CSS property to change the border of an element to Hex 2B045D is called "border". The border property can be set on classes, ids or directly on the HTML element.

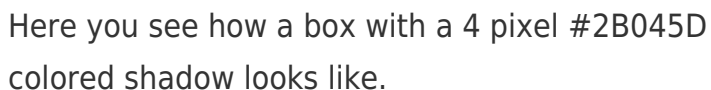
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B045D }
```

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

```
.border{ border-color:#2B045D }
```

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



Here you see how a box with a 4 pixel #2B045D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B045D; -webkit-box-shadow:4px 4px  
4px 4px #2B045D; box-shadow:4px 4px 4px  
4px #2B045D }
```

Background

The CSS property to change the background color of an element to Hex 2B045D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B045D }
```

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

```
.background{ background-color:#2B045D }
```

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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