

Converting Colors

Hex(2B05D2)

Have a look what the booklet for
Hex(2B05D2) contains.

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Color

Hex(2B05D2)

Conversions

Conversions Part 1

Format	Color
Hex	2B05D2
RGB	43, 5, 210
RGB Percent	17%, 2%, 82%
CMY	0.8314, 0.9804, 0.1765
CMYK	0.80, 0.98, 0.00, 0.18
HSL	251°, 95%, 42%
HSV	251°, 98%, 82%
XYZ	12.6834, 5.2753, 61.3225
YIQ	39.7320, -43.1570, 71.8110

Conversions

Conversions Part 2

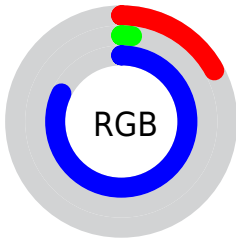
Format	Color
RYB	43, 5, 210
Decimal	2819538
CIELab	27.51, 67.98, -90.16
CIElCh	28, 112.916, 307.019
Yxy	5.2753, 0.1600, 0.0665
Android (android.graphics.Color)	4281009618 (0xFF2B05D2)
YUV	39.7320, 83.9421, 2.8660
Hunter-Lab	22.9680, 58.3775, -142.2216

Details

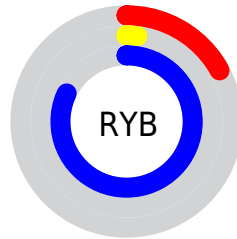
The Hex color **2B05D2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **ACD205**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7945FF**, and **00009A** is the 20% darker color. If you saturate the color by 10%, you get **2700D2**, and if you desaturate by 10%, it is **3C1AD2**.

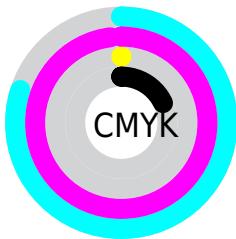
Distribution



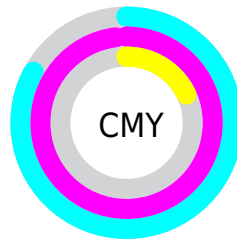
- Red (17%)
- Green (2%)
- Blue (82%)



- Red (17%)
- Yellow (2%)
- Blue (82%)



- Cyan (80%)
- Magenta (98%)
- Yellow (0%)
- Black (18%)



- Cyan (83%)
- Magenta (98%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B05D2 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 2B05D2 by changing the saturation by 10% instead.

■ 2B05D2

■ 2B05D2

FFFFFF

■ 0000B5

■ 7945FF

■ 00009A

■ 995FFF

■ 00007F

■ B97AFF

■ 000664

■ D995FF

■ 00094B

■ F8B1FF

■ 000434

■ FFCEFF

■ 00021E

■ FFE8FF

■ 000000

■ 2B05D2

■ 2B05D2

■ 2700D2

■ 3C1AD2

■ 4D2FD2

■ 5E44D2

■ 6F59D2

■ 816ED2

■ 9283D2

■ A398D2

■ B4ADD2

■ C5C2D2

Harmonies

Analogous

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



004EF8



2B05D2



AC0087

Triad

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



2B05D2



821500



005A55

Complementary

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



2B05D2



ACD205

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.



005700



2B05D2



3E4500

Square

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



2B05D2



B20000



005300



005DAC

Rectangle

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



2B05D2



C4004E



005300



005936

Sweetspot

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



2B05D2



C3B5FF



05ACD2



5B5380



000000



808080

Same Dimension

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



2B05D2



2F00FF



9105D2



605E69



1F00A8



080029

Inverse Universe

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



D205AC



FF00D0



46D205



695E67



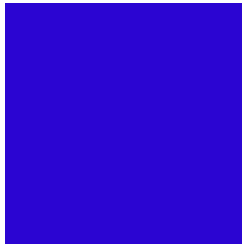
A80089



290021

Previews

White Background



This preview shows how the Hex color 2B05D2 looks on a white background.

Color Contrast Check

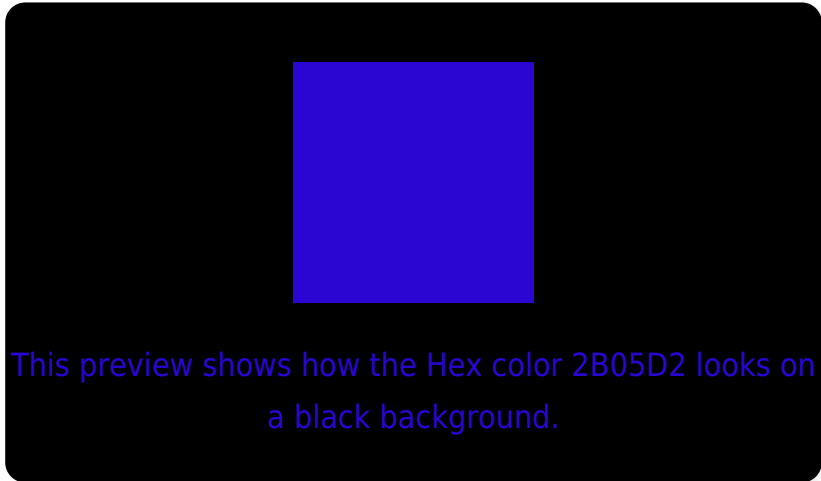
Large Text (above 18pt) WCAG AA ✓ Pass

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

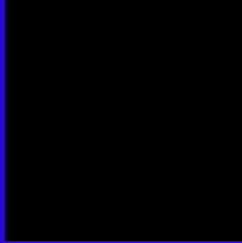
Any Text WCAG AA × Fail

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 2B05D2 Background



This preview shows how black text looks on a background with the Hex color 2B05D2.



This preview shows how white text looks on a background with the Hex color 2B05D2.

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
2B05D2

Protanopia
004086

Deuteranopia
004472



Tritanopia
004A4D

Trichromacy



Original Color
2B05D2

Protanomaly
102BA2

Deuteranomaly
102D95

Tritanomaly
10317D

Monochromacy



Original Color
2B05D2

Achromatopsia
282828

Achromatomaly
291B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B05D2 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 #2B05D2 looks like.

```
.text, #text, p{  
    color:#2B05D2  
}
```

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 #2B05D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B05D2
}
```

Border

The CSS property to change the border of an element to Hex 2B05D2 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
#2B05D2 }
```

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

```
.border{ border-color:#2B05D2 }
```

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

Here you see how a box with a 4 pixel #2B05D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B05D2; -webkit-box-shadow:4px 4px  
4px 4px #2B05D2; box-shadow:4px 4px 4px  
4px #2B05D2 }
```

Background

The CSS property to change the background color of an element to Hex 2B05D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B05D2 }
```

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

```
.background{ background-color:#2B05D2 }
```

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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