

Converting Colors

Hex(2D2BD4)

Have a look what the booklet for
Hex(2D2BD4) contains.

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Color

Hex(2D2BD4)

Conversions

Conversions Part 1

Format	Color
Hex	2D2BD4
RGB	45, 43, 212
RGB Percent	18%, 17%, 83%
CMY	0.8235, 0.8314, 0.1686
CMYK	0.79, 0.80, 0.00, 0.17
HSL	241°, 66%, 50%
HSV	241°, 80%, 83%
XYZ	13.8297, 7.0391, 62.9171
YIQ	62.8640, -53.0570, 52.9830

Conversions

Conversions Part 2

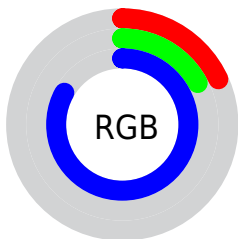
Format	Color
RYB	45, 43, 212
Decimal	2960340
CIELab	31.90, 56.54, -84.00
CIElCh	32, 101.258, 303.941
Yxy	7.0391, 0.1651, 0.0840
Android (android.graphics.Color)	4281150420 (0xFF2D2BD4)
YUV	62.8640, 73.5240, -15.6667
Hunter-Lab	26.5313, 46.6152, -122.0301

Details

The Hex color **2D2BD4** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D2D42B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **785DFF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **1816D4**, and if you desaturate by 10%, it is **4240D4**.

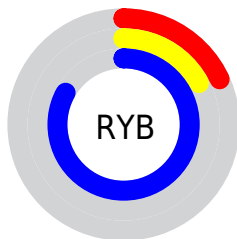
Distribution



Red (18%)

Green (17%)

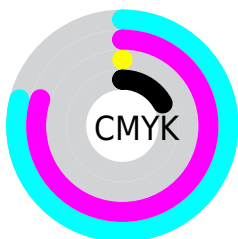
Blue (83%)



Red (18%)

Yellow (17%)

Blue (83%)

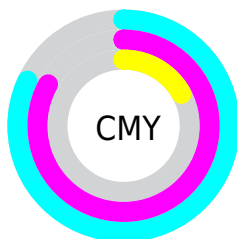


Cyan (79%)

Magenta (80%)

Yellow (0%)

Black (17%)



Cyan (82%)

Magenta (83%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2BD4 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 2D2BD4 by changing the saturation by 10% instead.

■ 2D2BD4

■ 2D2BD4

FFFFFF

■ 0012B8

■ 785DFF

■ 00009C

■ 9876FF

■ 000081

■ B891FF

■ 000066

■ D7ACFF

■ 000A4D

■ F6C8FF

■ 000535

■ FFE4FF

■ 00021F

■ 000003

■ 000000

■ 2D2BD4

■ 2D2BD4

■ 1816D4

■ 4240D4

■ 0301D4

■ 5755D4

■ 0300D4

■ 6C6BD4

■ 8180D4

■ 9695D4

■ ABAAD4

■ C0BFD4

■ D5D5D4

■ EAEAD4

Harmonies

Analogous

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



0057F1



2D2BD4



AA0093

Triad

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



2D2BD4



912200



006454

Complementary

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



2D2BD4



D2D42B

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.



006200



2D2BD4



534D00

Square

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



2D2BD4



BB0000



005C00



0066A4

Rectangle

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



2D2BD4



C4005F



005C00



006338

Sweetspot

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



2D2BD4



C3C2FF



2BD4D4



5B5B80



000000



808080

Same Dimension

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



2D2BD4



0D0AFF



802BD4



61606B



0200AB



01002B

Inverse Universe

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



D42BD2



FF0AFC



80D42B



6B606B



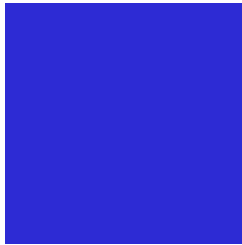
AB00A9



2B002B

Previews

White Background



This preview shows how the Hex color 2D2BD4 looks on a white background.

Color Contrast Check

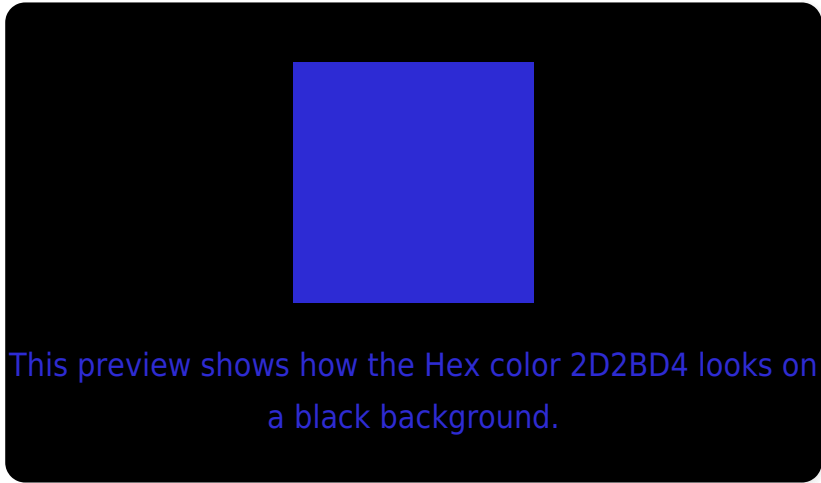
Large Text (above 18pt) WCAG AA ✓ Pass

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

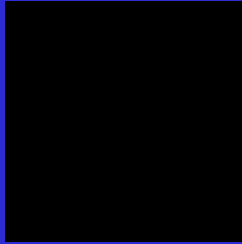
Any Text WCAG AA × Fail

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 2D2BD4 Background



This preview shows how black text looks on a background with the Hex color 2D2BD4.



This preview shows how white text looks on a background with the Hex color 2D2BD4.

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
2D2BD4

Protanopia
004897

Deuteranopia
004D81

Trichromacy



Original Color
2D2BD4

Protanomaly
103DAD

Deuteranomaly
10419F

Tritanomaly
104484

Monochromacy



Original Color
2D2BD4

Achromatopsia
3F3F3F

Achromatomaly
383875

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2BD4 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 #2D2BD4 looks like.

```
.text, #text, p{  
    color:#2D2BD4  
}
```

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 #2D2BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2BD4
}
```

Border

The CSS property to change the border of an element to Hex 2D2BD4 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
#2D2BD4 }
```

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

```
.border{ border-color:#2D2BD4 }
```

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

Here you see how a box with a 4 pixel #2D2BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2BD4; -webkit-box-shadow:4px 4px  
4px 4px #2D2BD4; box-shadow:4px 4px 4px  
4px #2D2BD4 }
```

Background

The CSS property to change the background color of an element to Hex 2D2BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2BD4 }
```

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

```
.background{ background-color:#2D2BD4 }
```

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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