

Converting Colors

Hex(2D2DD2)

Have a look what the booklet for
Hex(2D2DD2) contains.

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Color

Hex(2D2DD2)

Conversions

Conversions Part 1

Format	Color
Hex	2D2DD2
RGB	45, 45, 210
RGB Percent	18%, 18%, 82%
CMY	0.8235, 0.8235, 0.1765
CMYK	0.79, 0.79, 0.00, 0.18
HSL	240°, 65%, 50%
HSV	240°, 79%, 82%
XYZ	13.6534, 7.0878, 61.6212
YIQ	63.8100, -52.9650, 51.3150

Conversions

Conversions Part 2

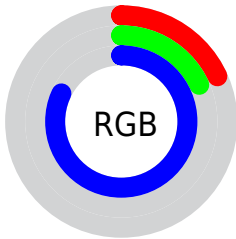
Format	Color
RYB	45, 45, 210
Decimal	2960850
CIELab	32.01, 54.94, -82.66
CIELCh	32, 99.255, 303.608
Yxy	7.0878, 0.1658, 0.0861
Android (android.graphics.Color)	4281150930 (0xFF2D2DD2)
YUV	63.8100, 72.0717, -16.4964
Hunter-Lab	26.6229, 44.9527, -118.5961

Details

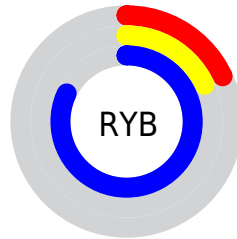
The Hex color **2D2DD2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D2D22D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **785EFF**, and **00009A** is the 20% darker color. If you saturate the color by 10%, you get **1818D2**, and if you desaturate by 10%, it is **4242D2**.

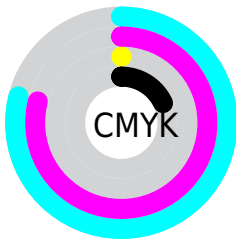
Distribution



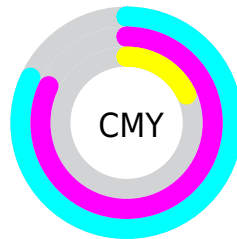
- Red (18%)
- Green (18%)
- Blue (82%)



- Red (18%)
- Yellow (18%)
- Blue (82%)



- Cyan (79%)
- Magenta (79%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2DD2 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 2D2DD2 by changing the saturation by 10% instead.

 2D2DD2

 2D2DD2


FFFFFF

 0014B6

 785EFF

 00009A

 9878FF

 00007F

 B792FF

 000165

 D6ADFF

 00094C

 F5C9FF

 000434

 FFE6FF

 00021E

 000000

 2D2DD2

 2D2DD2

■ 1818D2

■ 4242D2

■ 0303D2

■ 5757D2

■ 0000D2

■ 6C6CD2

■ 8181D2

■ 9696D2

■ ABABD2

■ C0C0D2

■ D5D5D2

■ EAEAD2

Harmonies

Analogous

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



0057EE



2D2DD2



A80093

Triad

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



2D2DD2



902200



006453

Complementary

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



2D2DD2



D2D22D

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



2D2DD2



554D00

Square

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



2D2DD2



BA0000



005C00



0066A2

Rectangle

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



2D2DD2



C20060



005C00



006338

Sweetspot

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



2D2DD2



C2C2FF



2DD2D2



5B5B80



000000



808080

Same Dimension

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



2D2DD2



0F0FFF



802DD2



5E5E69



0000A8



000029

Inverse Universe

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



D22DD2



FF0FFF



80D22D



695E69



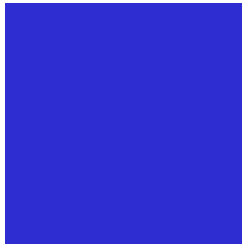
A800A8



290029

Previews

White Background



This preview shows how the Hex color 2D2DD2 looks on a white background.

Color Contrast Check

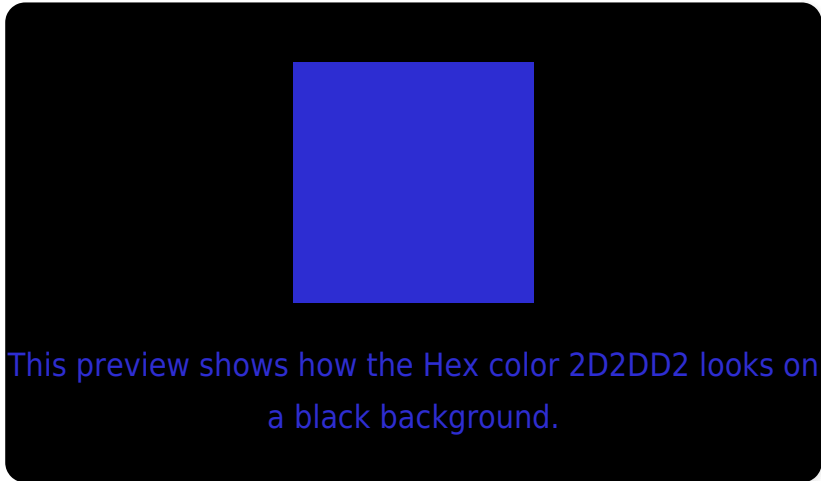
Large Text (above 18pt) WCAG AA ✓ Pass

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

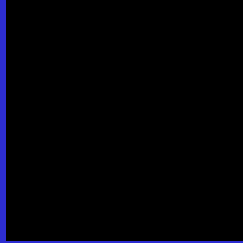
Any Text WCAG AA × Fail

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 2D2DD2 Background



This preview shows how black text looks on a background with the Hex color 2D2DD2.



This preview shows how white text looks on a background with the Hex color 2D2DD2.

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
2D2DD2

Protanopia
004898

Deuteranopia
004D81

Trichromacy



Original Color
2D2DD2

Protanomaly
103EAD

Deuteranomaly
10419E

Tritanomaly
104584

Monochromacy



Original Color
2D2DD2

Achromatopsia
404040

Achromatomaly
393975

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2DD2 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 #2D2DD2 looks like.

```
.text, #text, p{  
    color:#2D2DD2  
}
```

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 #2D2DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2DD2
}
```

Border

The CSS property to change the border of an element to Hex 2D2DD2 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
#2D2DD2 }
```

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

```
.border{ border-color:#2D2DD2 }
```

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

Here you see how a box with a 4 pixel #2D2DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2DD2; -webkit-box-shadow:4px 4px  
4px 4px #2D2DD2; box-shadow:4px 4px 4px  
4px #2D2DD2 }
```

Background

The CSS property to change the background color of an element to Hex 2D2DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2DD2 }
```

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

```
.background{ background-color:#2D2DD2 }
```

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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