

Converting Colors

Hex(2D1AB7)

Have a look what the booklet for
Hex(2D1AB7) contains.

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Color

Hex(2D1AB7)

Conversions

Conversions Part 1

Format	Color
Hex	2D1AB7
RGB	45, 26, 183
RGB Percent	18%, 10%, 72%
CMY	0.8235, 0.8980, 0.2824
CMYK	0.75, 0.86, 0.00, 0.28
HSL	247°, 75%, 41%
HSV	247°, 86%, 72%
XYZ	9.9988, 4.7156, 45.1829
YIQ	49.5790, -39.0730, 52.8550

Conversions

Conversions Part 2

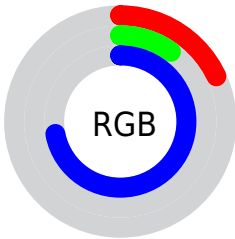
Format	Color
R_{YB}	45, 26, 183
Decimal	2955959
CIE _{Lab}	25.91, 55.39, -76.92
CIE _{LCh}	26, 94.790, 305.759
Yxy	4.7156, 0.1669, 0.0787
Android (android.graphics.Color)	4281146039 (0xFF2D1AB7)
YUV	49.5790, 65.7766, -4.0158
Hunter-Lab	21.7154, 44.1883, -108.1633

Details

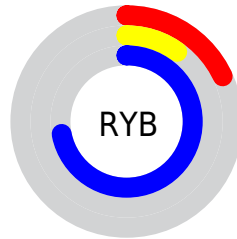
The Hex color **2D1AB7** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A4B71A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **734DF0**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **1D08B7**, and if you desaturate by 10%, it is **3D2CB7**.

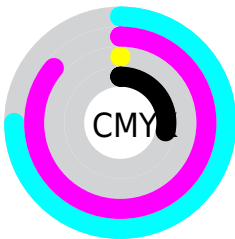
Distribution



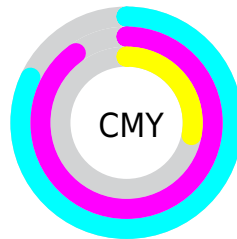
- Red (18%)
- Green (10%)
- Blue (72%)



- Red (18%)
- Yellow (10%)
- Blue (72%)



- Cyan (75%)
- Magenta (86%)
- Yellow (0%)
- Black (28%)



- Cyan (82%)
- Magenta (90%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1AB7 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 2D1AB7 by changing the saturation by 10% instead.

■ 2D1AB7

■ 2D1AB7

FFFFFF

■ 00009B

■ 734DF0

■ 000080

■ 9166FF

■ 000066

■ B080FF

■ 000A4D

■ CE9BFF

■ 000535

■ EDB7FF

■ 00021F

■ FFD3FF

■ 000002

■ FFEFFF

■ 000000

■ 2D1AB7

■ 2D1AB7

■ 1D08B7

■ 3D2CB7

■ 1600B7

■ 4D3FB7

■ 5D51B7

■ 6D63B7

■ 7D76B7

■ 8E88B7

■ 9E9AB7

■ AEACB7

■ BEBFB7

Harmonies

Analogous

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



0048D4



2D1AB7



96007A

Triad

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



2D1AB7



781A00



00534A

Complementary

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



2D1AB7



A4B71A

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.



005100



2D1AB7



404000

Square

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



2D1AB7



9F0000



004D00



005693

Rectangle

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



2D1AB7



AB004B



004D00



005331

Sweetspot

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



2D1AB7



B7AFED



1AA5B7



575378



F7F7F7



787878

Same Dimension

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



2D1AB7



1D00ED



7B1AB7



54535C



13009C



03001C

Inverse Universe

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



B71AA4



ED00D0



56B71A



5C535B



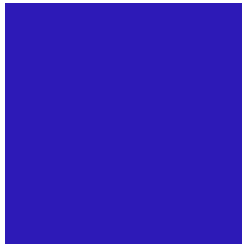
9C0089



1C0019

Previews

White Background



This preview shows how the Hex color 2D1AB7 looks on a white background.

Color Contrast Check

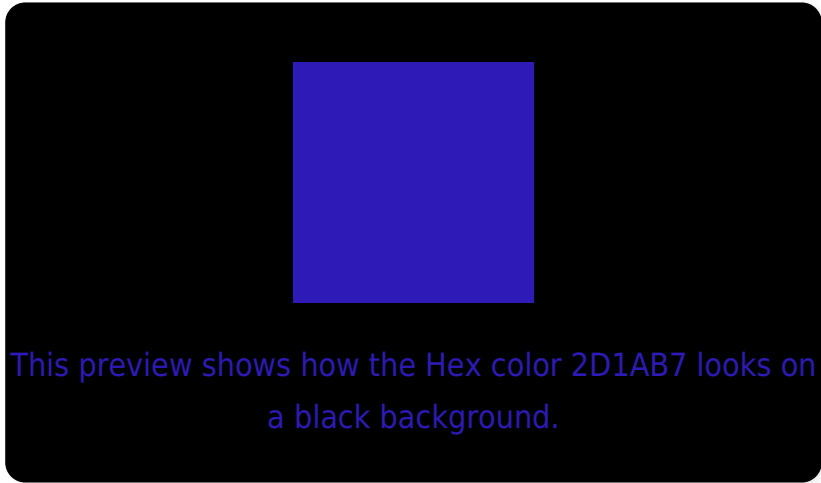
Large Text (above 18pt) WCAG AA ✓ Pass

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

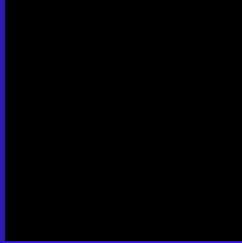
Any Text WCAG AA × Fail

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 2D1AB7 Background



This preview shows how black text looks on a background with the Hex color 2D1AB7.



This preview shows how white text looks on a background with the Hex color 2D1AB7.

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
2D1AB7

Protanopia
003C7D

Deuteranopia
00406A

Trichromacy



Original Color
2D1AB7

Protanomaly
103092

Deuteranomaly
103286

Tritanomaly
103570

Monochromacy



Original Color
2D1AB7

Achromatopsia
323232

Achromatomaly
302962

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1AB7 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 #2D1AB7 looks like.

```
.text, #text, p{  
    color:#2D1AB7  
}
```

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 #2D1AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1AB7
}
```

Border

The CSS property to change the border of an element to Hex 2D1AB7 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
#2D1AB7 }
```

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

```
.border{ border-color:#2D1AB7 }
```

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

Here you see how a box with a 4 pixel #2D1AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1AB7; -webkit-box-shadow:4px 4px  
4px 4px #2D1AB7; box-shadow:4px 4px 4px  
4px #2D1AB7 }
```

Background

The CSS property to change the background color of an element to Hex 2D1AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1AB7 }
```

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

```
.background{ background-color:#2D1AB7 }
```

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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