

Converting Colors

Hex(2D1B7E)

Have a look what the booklet for
Hex(2D1B7E) contains.

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Color

Hex(2D1B7E)

Conversions

Conversions Part 1

Format	Color
Hex	2D1B7E
RGB	45, 27, 126
RGB Percent	18%, 11%, 49%
CMY	0.8235, 0.8941, 0.5059
CMYK	0.64, 0.79, 0.00, 0.51
HSL	251°, 65%, 30%
HSV	251°, 79%, 49%
XYZ	5.2400, 2.8481, 20.0122
YIQ	43.6680, -21.0510, 34.6050

Conversions

Conversions Part 2

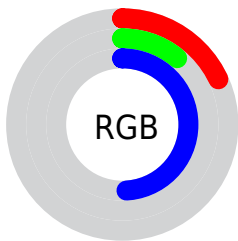
Format	Color
R_{YB}	45, 27, 126
Decimal	2956158
CIE _{Lab}	19.43, 37.60, -52.63
CIE _{LCh}	19, 64.688, 305.543
Y _{xy}	2.8481, 0.1865, 0.1014
Android (android.graphics.Color)	4281146238 (0xFF2D1B7E)
Y _{UV}	43.6680, 40.5897, 1.1682
Hunter-Lab	16.8764, 25.8897, -58.4935

Details

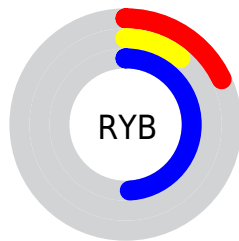
The Hex color **2D1B7E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **6C7E1B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6649B4**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **230E7E**, and if you desaturate by 10%, it is **37287E**.

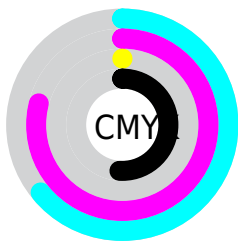
Distribution



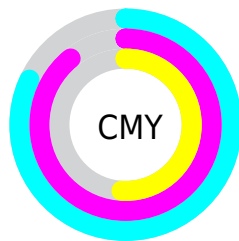
- Red (18%)
- Green (11%)
- Blue (49%)



- Red (18%)
- Yellow (11%)
- Blue (49%)



- Cyan (64%)
- Magenta (79%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (89%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1B7E 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 2D1B7E by changing the saturation by 10% instead.

■ 2D1B7E

■ 2D1B7E

FFFFFF

■ 050464

■ 6649B4

■ 00004C

■ 8262D0

■ 000434

■ 9E7BEC

■ 00021E

■ BA95FF

■ 000000

■ D7B0FF

■ F4CCFF

■ FFE8FF

■ 2D1B7E

■ 2D1B7E

■ 230E7E

■ 37287E

■ 18027E

■ 42347E

■ 17007E

■ 4C417E

■ 564D7E

■ 615A7E

■ 6B677E

■ 75737E

■ 7F807E

■ 8A8C7E

Harmonies

Analogous

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



003590



2D1B7E



6A0057

Triad

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



2D1B7E



581B00



004037

Complementary

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



2D1B7E



6C7E1B

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.



003E00



2D1B7E



333100

Square

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



2D1B7E



720000



003A00



004066

Rectangle

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



2D1B7E



780038



003A00



003F26

Sweetspot

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



2D1B7E



837CA3



1B6D7E



3E3A52



D1D1D1



525252

Same Dimension

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



2D1B7E



260AA3



5D1B7E



3B3940



170080



000000

Inverse Universe

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



7E1B6C



A30A87



3C7E1B



40393F



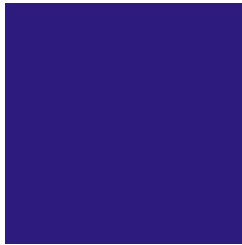
800068



000000

Previews

White Background



This preview shows how the Hex color 2D1B7E looks on a white background.

Color Contrast Check

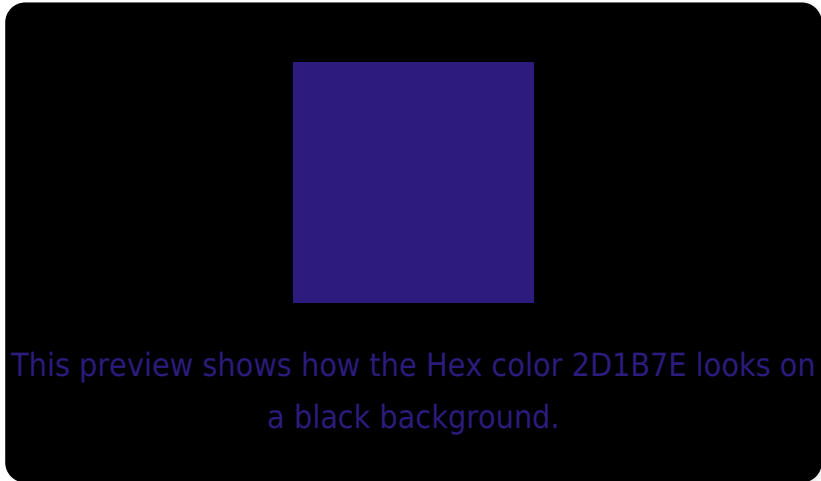
Large Text (above 18pt) WCAG AA ✓ Pass

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

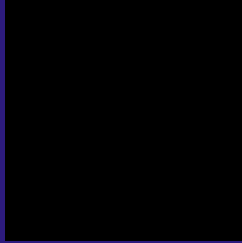
Any Text WCAG AA × Fail

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 2D1B7E Background



This preview shows how black text looks on a background with the Hex color 2D1B7E.



This preview shows how white text looks on a background with the Hex color 2D1B7E.

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
2D1B7E

Protanopia
002E61

Deuteranopia
003153

Trichromacy



Original Color
2D1B7E

Protanomaly
10276C

Deuteranomaly
102963

Tritanomaly
102C52

Monochromacy



Original Color
2D1B7E

Achromatopsia
2C2C2C

Achromatomaly
2C264A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1B7E 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 #2D1B7E looks like.

```
.text, #text, p{  
    color:#2D1B7E  
}
```

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 #2D1B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1B7E
}
```

Border

The CSS property to change the border of an element to Hex 2D1B7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

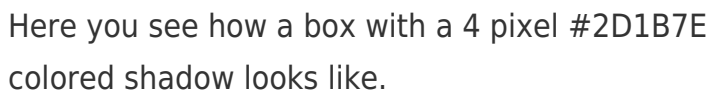
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1B7E }
```

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

```
.border{ border-color:#2D1B7E }
```

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



Here you see how a box with a 4 pixel #2D1B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1B7E; -webkit-box-shadow:4px 4px  
4px 4px #2D1B7E; box-shadow:4px 4px 4px  
4px #2D1B7E }
```

Background

The CSS property to change the background color of an element to Hex 2D1B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1B7E }
```

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

```
.background{ background-color:#2D1B7E }
```

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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