

Converting Colors

Hex(2D186D)

Have a look what the booklet for
Hex(2D186D) contains.

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Color

Hex(2D186D)

Conversions

Conversions Part 1

Format	Color
Hex	2D186D
RGB	45, 24, 109
RGB Percent	18%, 9%, 43%
CMY	0.8235, 0.9059, 0.5725
CMYK	0.59, 0.78, 0.00, 0.57
HSL	255°, 64%, 26%
HSV	255°, 78%, 43%
XYZ	4.1691, 2.3153, 14.6952
YIQ	39.9690, -14.7690, 30.8870

Conversions

Conversions Part 2

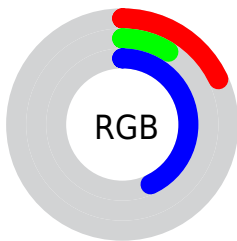
Format	Color
R_{YB}	45, 24, 109
Decimal	2955373
CIE Lab	17.06, 33.83, -45.59
CIE LCh	17, 56.766, 306.578
Yxy	2.3153, 0.1968, 0.1093
Android (android.graphics.Color)	4281145453 (0xFF2D186D)
YUV	39.9690, 34.0323, 4.4122
Hunter-Lab	15.2161, 22.2802, -46.6091

Details

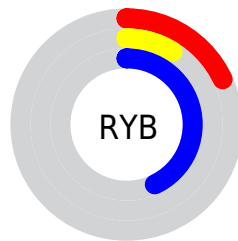
The Hex color **2D186D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **586D18**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6346A1**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **250D6D**, and if you desaturate by 10%, it is **35236D**.

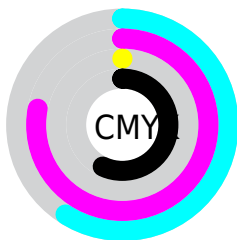
Distribution



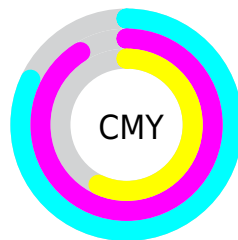
- Red (18%)
- Green (9%)
- Blue (43%)



- Red (18%)
- Yellow (9%)
- Blue (43%)



- Cyan (59%)
- Magenta (78%)
- Yellow (0%)
- Black (57%)



- Cyan (82%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D186D 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 2D186D by changing the saturation by 10% instead.

■ 2D186D

■ 2D186D

FFFFFF

■ 0D0254

■ 6346A1

■ 00003C

■ 7E5EBD

■ 000225

■ 9977D9

■ 00010E

■ B591F6

■ 000000

■ D1ACFF

■ EEC7FF

■ FFE4FF

■ 2D186D

■ 2D186D

■ 250D6D

■ 35236D

■ 1D026D

■ 3D2E6D

■ 1B006D

■ 46396D

■ 4E446D

■ 564F6D

■ 5E596D

■ 66646D

■ 6F6F6D

■ 777A6D

Harmonies

Analogous

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



002E7D



2D186D



5E004B

Triad

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



2D186D



4E1A00



003932

Complementary

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



2D186D



586D18

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.



003702



2D186D



2D2C00

Square

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



2D186D



640000



003400



00395B

Rectangle

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



2D186D



6A0031



003400



003924

Sweetspot

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



2D186D



766E8F



18596D



383347



C7C7C7



474747

Same Dimension

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



2D186D



2A098F



56186D



323036



1D0075



3C00F5

Inverse Universe

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



6D1858



8F096E



2F6D18



363034



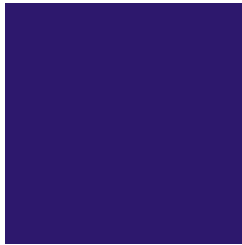
750058



F500B8

Previews

White Background



This preview shows how the Hex color 2D186D looks on a white background.

Color Contrast Check

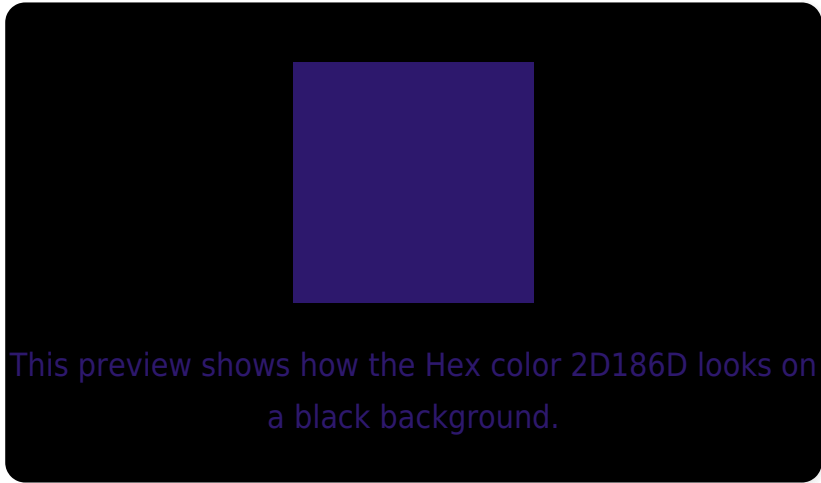
Large Text (above 18pt) WCAG AA ✓ Pass

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

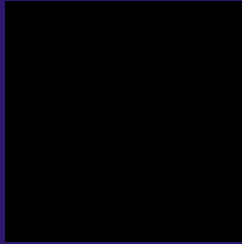
Any Text WCAG AA × Fail

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 2D186D Background



This preview shows how black text looks on a background with the Hex color 2D186D.



This preview shows how white text looks on a background with the Hex color 2D186D.

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
2D186D

Protanopia
002A57

Tritanopia
142F33

Trichromacy



Original Color
2D186D

Protanomaly
10235F

Tritanomaly
1D2748

Monochromacy



Original Color
2D186D

Achromatopsia
282828

Achromatomaly
2A2241

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D186D 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 #2D186D looks like.

```
.text, #text, p{  
    color:#2D186D  
}
```

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 #2D186D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D186D
}
```

Border

The CSS property to change the border of an element to Hex 2D186D is called "border". The border property can be set on classes, ids or directly on the HTML element.

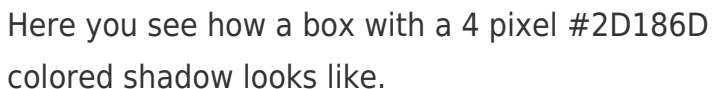
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D186D }
```

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

```
.border{ border-color:#2D186D }
```

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



Here you see how a box with a 4 pixel #2D186D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D186D; -webkit-box-shadow:4px 4px  
4px 4px #2D186D; box-shadow:4px 4px 4px  
4px #2D186D }
```

Background

The CSS property to change the background color of an element to Hex 2D186D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D186D }
```

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

```
.background{ background-color:#2D186D }
```

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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