

Converting Colors

Hex(2D4D8A)

Have a look what the booklet for
Hex(2D4D8A) contains.

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Color

Hex(2D4D8A)

Conversions

Conversions Part 1

Format	Color
Hex	2D4D8A
RGB	45, 77, 138
RGB Percent	18%, 30%, 54%
CMY	0.8235, 0.6980, 0.4588
CMYK	0.67, 0.44, 0.00, 0.46
HSL	219°, 51%, 36%
HSV	219°, 67%, 54%
XYZ	8.3235, 7.7006, 25.0924
YIQ	74.3860, -38.6530, 12.1870

Conversions

Conversions Part 2

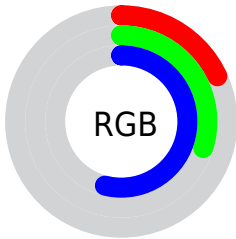
Format	Color
R_{YB}	45, 69, 138
Decimal	2968970
CIE _{Lab}	33.35, 9.32, -37.53
CIE _{LCh}	33, 38.669, 283.940
Yxy	7.7006, 0.2024, 0.1873
Android (android.graphics.Color)	4281159050 (0xFF2D4D8A)
YUV	74.3860, 31.3617, -25.7715
Hunter-Lab	27.7500, 4.9779, -34.1869

Details

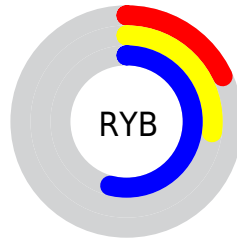
The Hex color **2D4D8A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8A6A2D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **657EC0**, and **002257** is the 20% darker color. If you saturate the color by 10%, you get **1F448A**, and if you desaturate by 10%, it is **3B568A**.

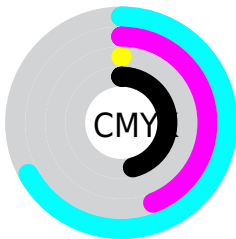
Distribution



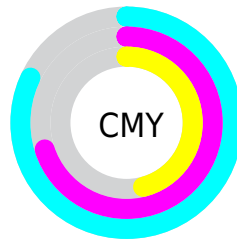
- Red (18%)
- Green (30%)
- Blue (54%)



- Red (18%)
- Yellow (27%)
- Blue (54%)



- Cyan (67%)
- Magenta (44%)
- Yellow (0%)
- Black (46%)



- Cyan (82%)
- Magenta (70%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4D8A 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 2D4D8A by changing the saturation by 10% instead.

■ 2D4D8A

■ 2D4D8A

FFFFFF

■ 063770

■ 657EC0

■ 002257

■ 8097DC

■ 000B40

■ 9CB2F9

■ 000329

■ B8CDFF

■ 000113

■ D5E9FF

■ 000000

■ F2FFFF

■ 2D4D8A

■ 2D4D8A

■ 1F448A

■ 3B568A

■ 113B8A

■ 495F8A

■ 04328A

■ 56688A

■ 002F8A

■ 64718A

■ 727A8A

■ 80838A

■ 8E8C8A

■ 9B958A

■ A99E8A

Harmonies

Analogous

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



005689



2D4D8A



62407B

Triad

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



2D4D8A



7F3A25



005C3C

Complementary

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



2D4D8A



8A6A2D

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.



2E581F



2D4D8A



6C470F

Square

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



2D4D8A



863241



51510B



005D5C

Rectangle

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



2D4D8A



77376A



51510B



005B32

Sweetspot

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



2D4D8A



8F9BB3



2D8A69



444B59



D9D9D9



595959

Same Dimension

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



2D4D8A



2254B3



3B2D8A



3E4045



002E85



000205

Inverse Universe

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



8A2D4D



B32254



7C8A2D



453E40



85002E



050002

Previews

White Background



This preview shows how the Hex color 2D4D8A looks on a white background.

Color Contrast Check

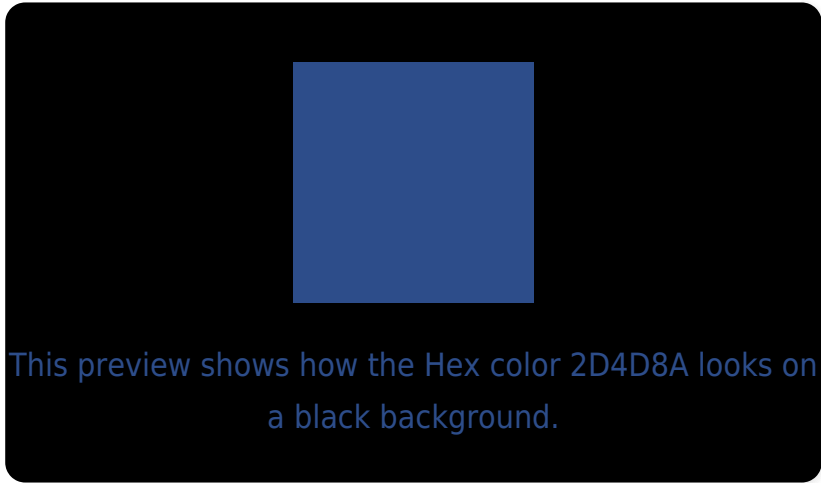
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D4D8A Background



This preview shows how black text looks on a background with the Hex color 2D4D8A.



This preview shows how white text looks on a background with the Hex color 2D4D8A.

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

2D4D8A

Protanopia

324C89

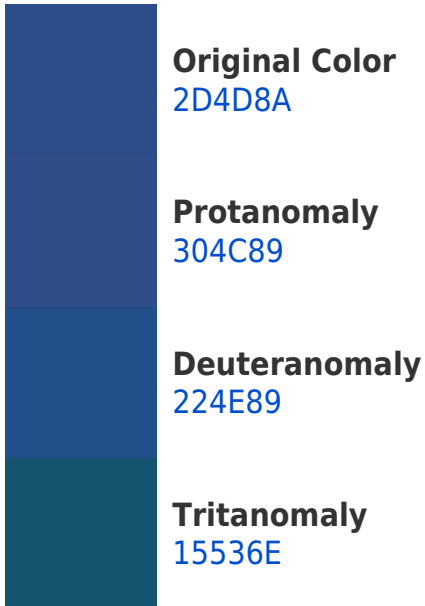
Deuteranopia

1B4F89



Tritanopia
08575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4D8A 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 #2D4D8A looks like.

```
.text, #text, p{  
    color:#2D4D8A  
}
```

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 #2D4D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4D8A
}
```

Border

The CSS property to change the border of an element to Hex 2D4D8A 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
#2D4D8A }
```

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

```
.border{ border-color:#2D4D8A }
```

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

Here you see how a box with a 4 pixel #2D4D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4D8A; -webkit-box-shadow:4px 4px  
4px 4px #2D4D8A; box-shadow:4px 4px 4px  
4px #2D4D8A }
```

Background

The CSS property to change the background color of an element to Hex 2D4D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4D8A }
```

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

```
.background{ background-color:#2D4D8A }
```

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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