

Converting Colors

Hex(2D4A7C)

Have a look what the booklet for
Hex(2D4A7C) contains.

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Color

Hex(2D4A7C)

Conversions

Conversions Part 1

Format	Color
Hex	2D4A7C
RGB	45, 74, 124
RGB Percent	18%, 29%, 49%
CMY	0.8235, 0.7098, 0.5137
CMYK	0.64, 0.40, 0.00, 0.51
HSL	218°, 47%, 33%
HSV	218°, 64%, 49%
XYZ	7.1691, 6.9107, 20.0248
YIQ	71.0290, -33.3340, 9.4020

Conversions

Conversions Part 2

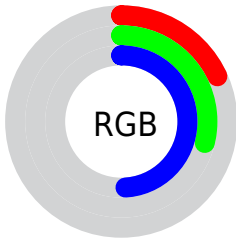
Format	Color
R_{YB}	45, 66, 124
Decimal	2968188
CIE Lab	31.60, 6.07, -31.66
CIE LCh	32, 32.240, 280.858
Yxy	6.9107, 0.2102, 0.2026
Android (android.graphics.Color)	4281158268 (0xFF2D4A7C)
YUV	71.0290, 26.1147, -22.8274
Hunter-Lab	26.2882, 2.6745, -26.7620




Details

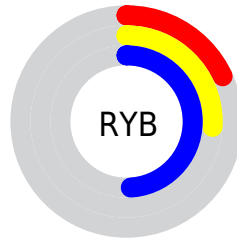
The Hex color **2D4A7C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C5F2D**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **627AB1**, and **001F4B** is the 20% darker color. If you saturate the color by 10%, you get **21427C**, and if you desaturate by 10%, it is **39527C**.

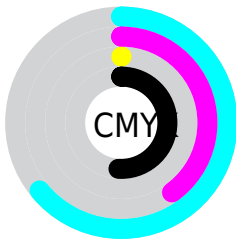
Distribution







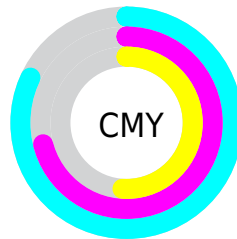
-  Red (18%)
-  Green (29%)
-  Blue (49%)






-  Red (18%)
-  Yellow (26%)
-  Blue (49%)



-  Cyan (64%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (71%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4A7C 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 2D4A7C by changing the saturation by 10% instead.

■ 2D4A7C

■ 2D4A7C

FFFFFF

■ 0C3463

■ 627AB1

■ 001F4B

■ 7D94CD

■ 000534

■ 98AFE9

■ 00021E

■ B4CAFF

■ 000000

■ D0E6FF

■ EDFFFF

■ 2D4A7C

■ 2D4A7C

■ 21427C

■ 39527C

■ 143A7C

■ 465A7C

■ 08327C

■ 52627C

■ 002E7C

■ 5F697C

■ 6B717C

■ 77797C

■ 84817C

■ 90897C

■ 9D917C

Harmonies

Analogous

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



00527A



2D4A7C



584071

Triad

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



2D4A7C



753A2B



015639

Complementary

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



2D4A7C



7C5F2D

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.



345222



2D4A7C



664319

Square

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



2D4A7C



793442



504C15



005753

Rectangle

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



2D4A7C



6A3963



504C15



1A5531

Sweetspot

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



2D4A7C



828DA1



2D7C5E



3F4652



D1D1D1



525252

Same Dimension

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



2D4A7C



2753A1



362D7C



37393D



002E7D



005DFC

Inverse Universe

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



7C2D4A



A12753



737C2D



3D3739



7D002E



FC005D

Previews

White Background



This preview shows how the Hex color 2D4A7C looks on a white background.

Color Contrast Check

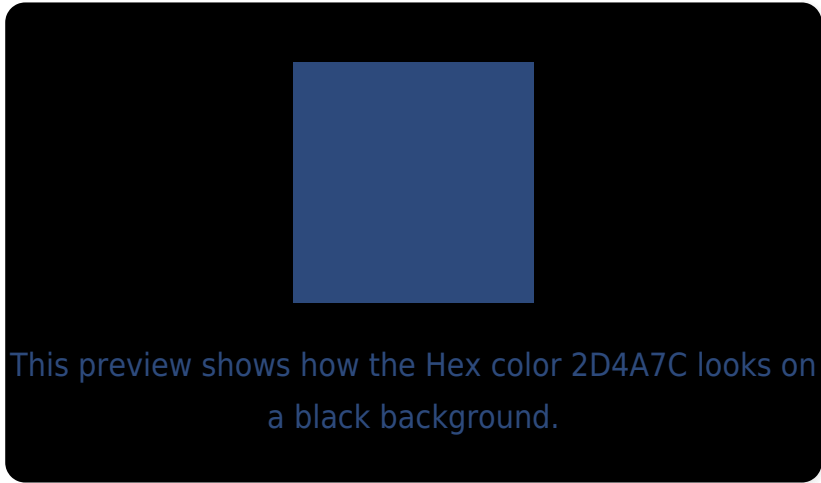
Large Text (above 18pt) WCAG AA ✓ Pass

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

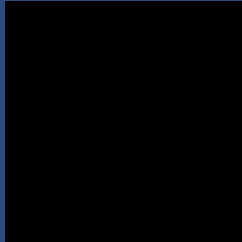
Any Text WCAG AA × Fail

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 2D4A7C Background



This preview shows how black text looks on a background with the Hex color 2D4A7C.



This preview shows how white text looks on a background with the Hex color 2D4A7C.

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


2D4A7C

Protanopia

36497B

Deuteranopia

294B7C



Tritanopia
195258

Trichromacy



Original Color
2D4A7C

Protanomaly
33497B

Deuteranomaly
2A4B7C

Tritanomaly
204F65

Monochromacy



Original Color
2D4A7C

Achromatopsia
474747

Achromatomaly
3E485A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4A7C 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 #2D4A7C looks like.

```
.text, #text, p{  
    color:#2D4A7C  
}
```

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 #2D4A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4A7C
}
```

Border

The CSS property to change the border of an element to Hex 2D4A7C 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
#2D4A7C }
```

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

```
.border{ border-color:#2D4A7C }
```

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

Here you see how a box with a 4 pixel #2D4A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4A7C; -webkit-box-shadow:4px 4px  
4px 4px #2D4A7C; box-shadow:4px 4px 4px  
4px #2D4A7C }
```

Background

The CSS property to change the background color of an element to Hex 2D4A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4A7C }
```

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

```
.background{ background-color:#2D4A7C }
```

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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