

Converting Colors

Hex(2D4273)

Have a look what the booklet for
Hex(2D4273) contains.

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Color

Hex(2D4273)

Conversions

Conversions Part 1

Format	Color
Hex	2D4273
RGB	45, 66, 115
RGB Percent	18%, 26%, 45%
CMY	0.8235, 0.7412, 0.5490
CMYK	0.61, 0.43, 0.00, 0.55
HSL	222°, 44%, 31%
HSV	222°, 61%, 45%
XYZ	6.1249, 5.6921, 16.9955
YIQ	65.3070, -28.2450, 10.7870

Conversions

Conversions Part 2

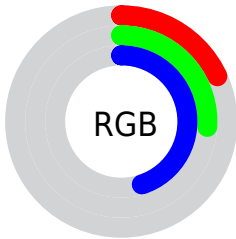
Format	Color
R_{YB}	45, 61, 115
Decimal	2966131
CIE Lab	28.62, 8.12, -30.75
CIE LCh	29, 31.805, 284.795
Yxy	5.6921, 0.2126, 0.1976
Android (android.graphics.Color)	4281156211 (0xFF2D4273)
YUV	65.3070, 24.4986, -17.8092
Hunter-Lab	23.8582, 4.0731, -25.5349

Details

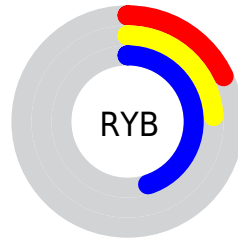
The Hex color **2D4273** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **735E2D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6172A7**, and **001842** is the 20% darker color. If you saturate the color by 10%, you get **213A73**, and if you desaturate by 10%, it is **394A73**.

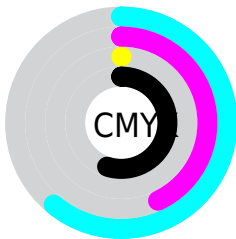
Distribution



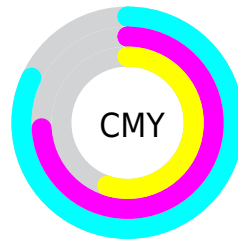
- Red (18%)
- Green (26%)
- Blue (45%)



- Red (18%)
- Yellow (24%)
- Blue (45%)



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (74%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4273 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 2D4273 by changing the saturation by 10% instead.

■ 2D4273

■ 2D4273

FFFFFF

■ 0F2C5A

■ 6172A7

■ 001842

■ 7B8BC3

■ 00022C

■ 96A5DF

■ 000116

■ B2C0FB

■ 000000

■ CEDCFF

■ EBF9FF

■ 2D4273

■ 2D4273

■ 213A73

■ 394A73

■ 163273

■ 445273

■ 0A2A73

■ 505A73

■ 002273

■ 5B6273

■ 676A73

■ 727273

■ 7E7A73

■ 898273

■ 948A73

Harmonies

Analogous

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



004A73



2D4273



543867

Triad

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



2D4273



6B3422



004F36

Complementary

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



2D4273



735E2D

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.



294C1F



2D4273



5B3E12

Square

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



2D4273



712E38



454610



004F4F

Rectangle

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



2D4273



643259



454610



0A4E2E

Sweetspot

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



2D4273



7B8396



2D735E



3C414D



CCCCCC



4D4D4D

Same Dimension

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



2D4273



294A96



3B2D73



35373B



00257A



004BFA

Inverse Universe

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



732D42



96294A



65732D



3B3537



7A0025



FA004B

Previews

White Background



This preview shows how the Hex color 2D4273 looks on a white background.

Color Contrast Check

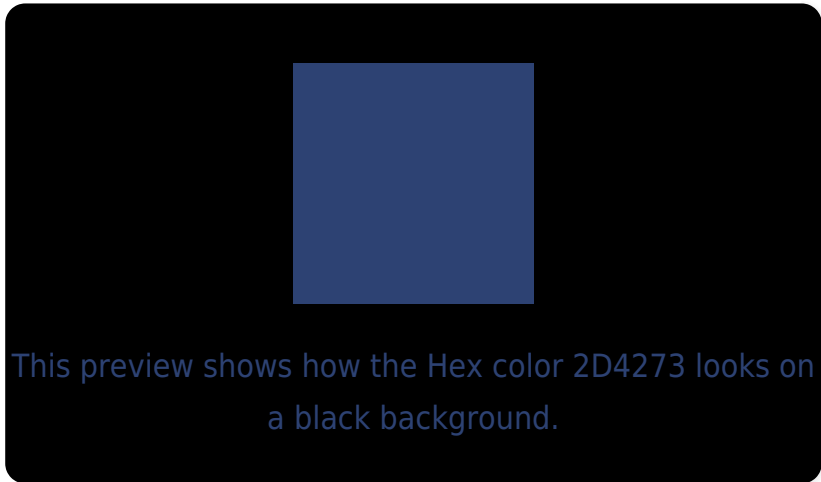
Large Text (above 18pt) WCAG AA ✓ Pass

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

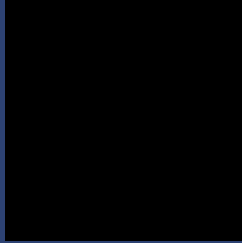
Any Text WCAG AA × Fail

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 2D4273 Background



This preview shows how black text looks on a background with the Hex color 2D4273.



This preview shows how white text looks on a background with the Hex color 2D4273.

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
2D4273

Protanopia
2E4273

Deuteranopia
214473



Tritanopia
1C4A50

Trichromacy



Original Color
2D4273

Protanomaly
2E4273

Deuteranomaly
254373

Tritanomaly
22475D

Monochromacy



Original Color
2D4273

Achromatopsia
414141

Achromatomaly
3A4153

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4273 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 #2D4273 looks like.

```
.text, #text, p{  
    color:#2D4273  
}
```

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 #2D4273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4273
}
```

Border

The CSS property to change the border of an element to Hex 2D4273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

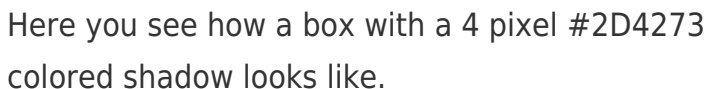
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D4273 }
```

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

```
.border{ border-color:#2D4273 }
```

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



Here you see how a box with a 4 pixel #2D4273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4273; -webkit-box-shadow:4px 4px  
4px 4px #2D4273; box-shadow:4px 4px 4px  
4px #2D4273 }
```

Background

The CSS property to change the background color of an element to Hex 2D4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4273 }
```

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

```
.background{ background-color:#2D4273 }
```

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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