

Converting Colors

Hex(2D324D)

Have a look what the booklet for
Hex(2D324D) contains.

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Color

Hex(2D324D)

Conversions

Conversions Part 1

Format	Color
Hex	2D324D
RGB	45, 50, 77
RGB Percent	18%, 20%, 30%
CMY	0.8235, 0.8039, 0.6980
CMYK	0.42, 0.35, 0.00, 0.70
HSL	231°, 26%, 24%
HSV	231°, 42%, 30%
XYZ	3.5623, 3.3749, 7.4848
YIQ	51.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

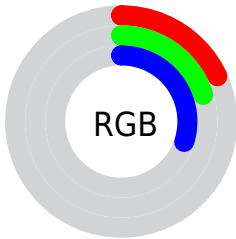
Format	Color
RYB	45, 49, 77
Decimal	2961997
CIELab	21.49, 5.75, -17.30
CIElCh	21, 18.226, 288.380
Yxy	3.3749, 0.2470, 0.2340
Android (android.graphics.Color)	4281152077 (0xFF2D324D)
YUV	51.5830, 12.5306, -5.7733
Hunter-Lab	18.3709, 2.4641, -11.2968




Details

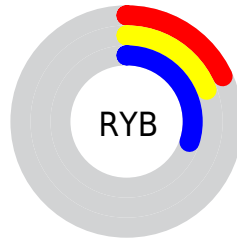
The Hex color **2D324D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D482D**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **5C607E**, and **000321** is the 20% darker color. If you saturate the color by 10%, you get **252C4D**, and if you desaturate by 10%, it is **35384D**.

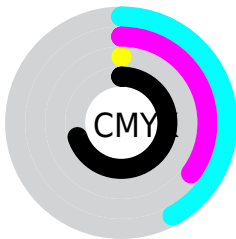
Distribution







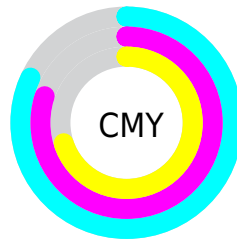
-  Red (18%)
-  Green (20%)
-  Blue (30%)






-  Red (18%)
-  Yellow (19%)
-  Blue (30%)



-  Cyan (42%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (82%)
-  Magenta (80%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D324D 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 2D324D by changing the saturation by 10% instead.

■ 2D324D

■ 2D324D

FFFFFF

■ 171D36

■ 5C607E

■ 000321

■ 757998

■ 000006

■ 8F93B3

■ 000000

■ AAADCE

■ C5C8EB

■ E1E4FF

FFFFFF

■ 2D324D

■ 2D324D

■ 252C4D

■ 35384D

■ 1E254D

■ 3C3F4D

■ 161F4D

■ 44454D

■ 0E184D

■ 4C4C4D

■ 06124D

■ 54524D

■ 000C4D

■ 5B594D

■ 635F4D

■ 6B664D

■ 726C4D

Harmonies

Analogous

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



14364E



2D324D



3F2D46

Triad

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



2D324D



4A2C20



123A2E

Complementary

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



2D324D



4D482D

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.



253921



2D324D



413119

Square

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



2D324D



4E292C



343519



003B3C

Rectangle

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



2D324D



472A3E



343519



193A29

Sweetspot

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



2D324D



585963



2D4D48



2C2D33



B3B3B3



333333

Same Dimension

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



2D324D



323963



382D4D



222326



001066



0024E6

Inverse Universe

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



4D2D32



633239



424D2D



262223



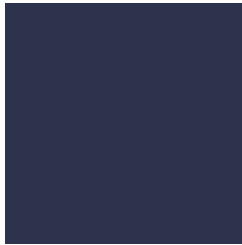
660010



E60024

Previews

White Background



This preview shows how the Hex color 2D324D looks on a white background.

Color Contrast Check

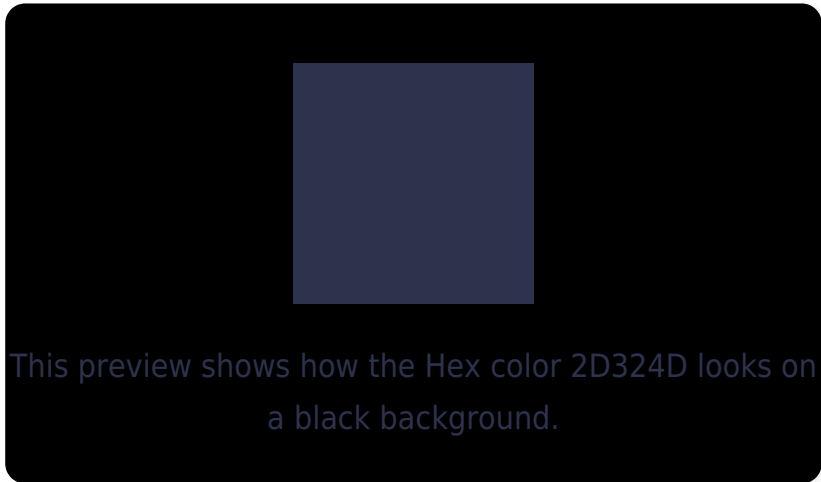
Large Text (above 18pt) WCAG AA ✓ Pass

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

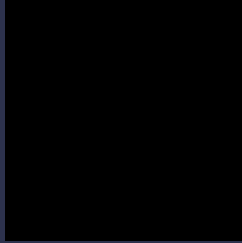
Any Text WCAG AA × Fail

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 2D324D Background



This preview shows how black text looks on a background with the Hex color 2D324D.

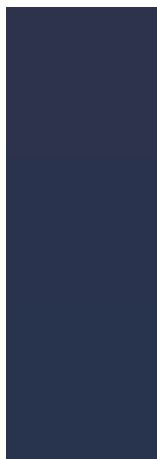


This preview shows how white text looks on a background with the Hex color 2D324D.

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

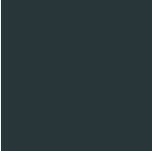
2D324D

Protanopia

2A334E

Deuteranopia

28334D



Tritanopia
28363A

Trichromacy



Original Color
2D324D

Protanomaly
2B334E

Deuteranomaly
2A334D

Tritanomaly
2A3541

Monochromacy



Original Color
2D324D

Achromatopsia
343434

Achromatomaly
31333D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D324D 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 #2D324D looks like.

```
.text, #text, p{  
    color:#2D324D  
}
```

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 #2D324D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D324D
}
```

Border

The CSS property to change the border of an element to Hex 2D324D is called "border". The border property can be set on classes, ids or directly on the HTML element.

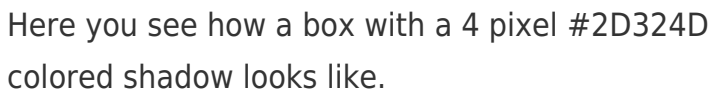
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D324D }
```

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

```
.border{ border-color:#2D324D }
```

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



Here you see how a box with a 4 pixel #2D324D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D324D; -webkit-box-shadow:4px 4px  
4px 4px #2D324D; box-shadow:4px 4px 4px  
4px #2D324D }
```

Background

The CSS property to change the background color of an element to Hex 2D324D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D324D }
```

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

```
.background{ background-color:#2D324D }
```

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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