

Converting Colors

Hex(2D424D)

Have a look what the booklet for
Hex(2D424D) contains.

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Color

Hex(2D424D)

Conversions

Conversions Part 1

Format	Color
Hex	2D424D
RGB	45, 66, 77
RGB Percent	18%, 26%, 30%
CMY	0.8235, 0.7412, 0.6980
CMYK	0.42, 0.14, 0.00, 0.70
HSL	201°, 26%, 24%
HSV	201°, 42%, 30%
XYZ	4.3700, 4.9901, 7.7541
YIQ	60.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

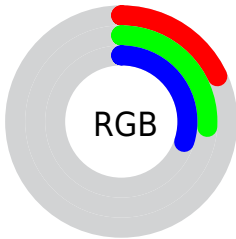
Format	Color
R_{YB}	45, 58, 77
Decimal	2966093
CIE Lab	26.71, -4.96, -9.27
CIE LCh	27, 10.510, 241.853
Yxy	4.9901, 0.2553, 0.2916
Android (android.graphics.Color)	4281156173 (0xFF2D424D)
YUV	60.9750, 7.9003, -14.0101
Hunter-Lab	22.3386, -4.1738, -4.9434

Details

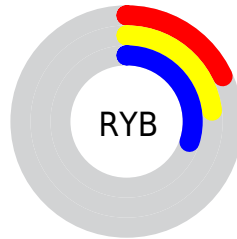
The Hex color **2D424D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D382D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5C727E**, and **001821** is the 20% darker color. If you saturate the color by 10%, you get **253F4D**, and if you desaturate by 10%, it is **35454D**.

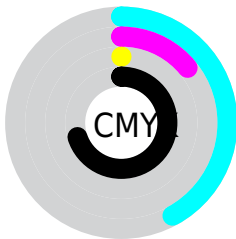
Distribution



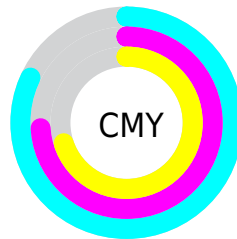
- Red (18%)
- Green (26%)
- Blue (30%)



- Red (18%)
- Yellow (23%)
- Blue (30%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (70%)



- Cyan (82%)
- Magenta (74%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D424D 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 2D424D by changing the saturation by 10% instead.

■ 2D424D

■ 2D424D

FFFFFF

■ 172C36

■ 5C727E

■ 001821

■ 758B98

■ 000009

■ 8FA6B3

■ 000000

■ AAC1CE

■ C5DDEA

■ E2F9FF

FEFFFF

■ 2D424D

■ 2D424D

■ 253F4D

■ 35454D

■ 1E3D4D

■ 3C474D

■ 163A4D

■ 444A4D

■ 0E374D

■ 4C4D4D

■ 06354D

■ 544F4D

■ 00334D

■ 5B524D

■ 63554D

■ 6B574D

■ 725A4D

Harmonies

Analogous

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



294347



2D424D



36404F

Triad

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



2D424D



4F393F



3C4131

Complementary

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



2D424D



4D382D

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.



453F2F



2D424D



4F3A37

Square

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



2D424D



4A3B47



4C3C31



334337

Rectangle

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



2D424D



3E3E4E



4C3C31



3F4030

Sweetspot

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



2D424D



585F63



2D4D38



2C3133



B3B3B3



333333

Same Dimension

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



2D424D



325263



2D324D



222526



004366



0097E6

Inverse Universe

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



4D2D42



633252



4D482D



262225



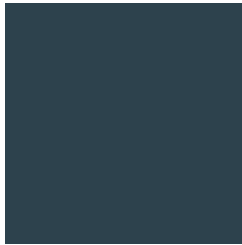
660043



E60097

Previews

White Background



This preview shows how the Hex color 2D424D looks on a white background.

Color Contrast Check

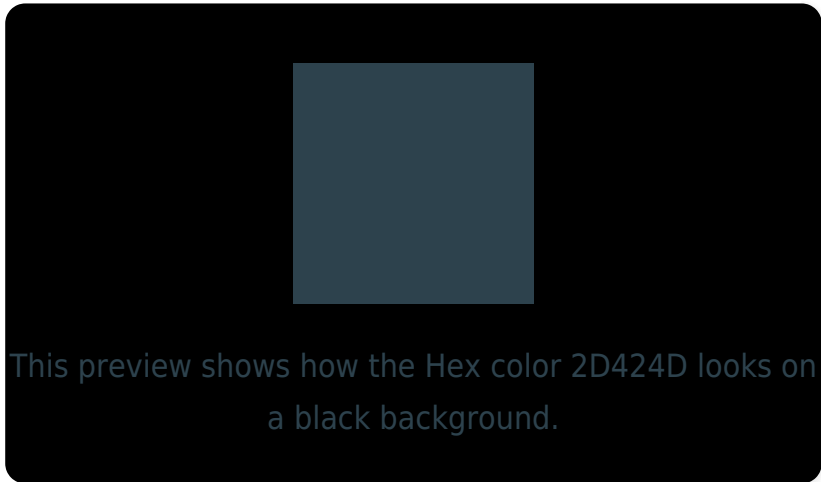
Large Text (above 18pt) WCAG AA ✓ Pass

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

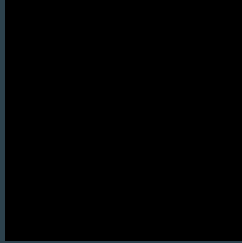
Any Text WCAG AA × Fail

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 2D424D Background



This preview shows how black text looks on a background with the Hex color 2D424D.



This preview shows how white text looks on a background with the Hex color 2D424D.

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

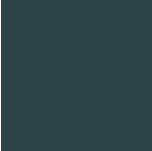
2D424D

Protanopia

3D3E4B

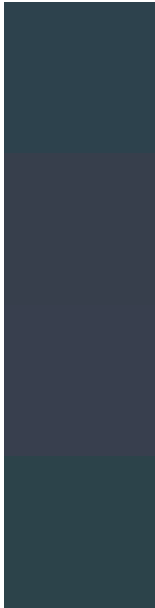
Deuteranopia

3E3E4E



Tritanopia
2C4348

Trichromacy



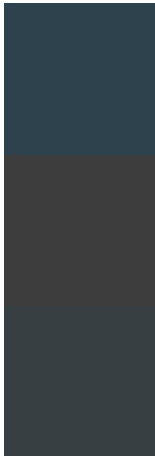
Original Color
2D424D

Protanomaly
373F4C

Deuteranomaly
383F4E

Tritanomaly
2C434A

Monochromacy



Original Color
2D424D

Achromatopsia
3D3D3D

Achromatomaly
373F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D424D 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 #2D424D looks like.

```
.text, #text, p{  
    color:#2D424D  
}
```

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 #2D424D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D424D
}
```

Border

The CSS property to change the border of an element to Hex 2D424D 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
#2D424D }
```

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

```
.border{ border-color:#2D424D }
```

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

Here you see how a box with a 4 pixel #2D424D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D424D; -webkit-box-shadow:4px 4px  
4px 4px #2D424D; box-shadow:4px 4px 4px  
4px #2D424D }
```

Background

The CSS property to change the background color of an element to Hex 2D424D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D424D }
```

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

```
.background{ background-color:#2D424D }
```

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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