

Converting Colors

Hex(2D425D)

Have a look what the booklet for
Hex(2D425D) contains.

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Color

Hex(2D425D)

Conversions

Conversions Part 1

Format	Color
Hex	2D425D
RGB	45, 66, 93
RGB Percent	18%, 26%, 36%
CMY	0.8235, 0.7412, 0.6353
CMYK	0.52, 0.29, 0.00, 0.64
HSL	214°, 35%, 27%
HSV	214°, 52%, 36%
XYZ	5.0062, 5.2446, 11.1044
YIQ	62.7990, -21.1830, 3.9450

Conversions

Conversions Part 2

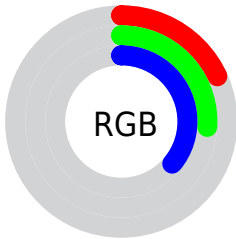
Format	Color
R _Y B	45, 60, 93
Decimal	2966109
CIE Lab	27.42, 0.27, -18.58
CIE LCh	27, 18.581, 270.822
Yxy	5.2446, 0.2344, 0.2456
Android (android.graphics.Color)	4281156189 (0xFF2D425D)
YUV	62.7990, 14.8891, -15.6097
Hunter-Lab	22.9012, -1.0570, -12.7179




Details

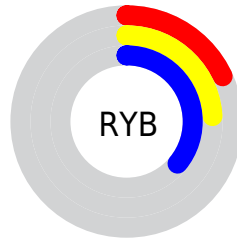
The Hex color **2D425D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D482D**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **5E728F**, and **00182F** is the 20% darker color. If you saturate the color by 10%, you get **243D5D**, and if you desaturate by 10%, it is **36475D**.

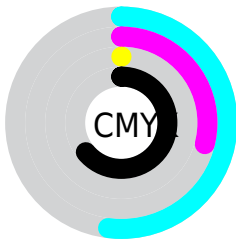
Distribution







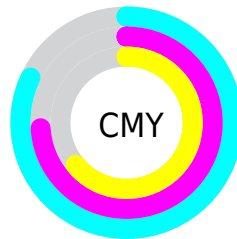
-  Red (18%)
-  Green (26%)
-  Blue (36%)






-  Red (18%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (52%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (74%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D425D 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 2D425D by changing the saturation by 10% instead.

■ 2D425D

■ 2D425D

FFFFFF

■ 152C45

■ 5E728F

■ 00182F

■ 778BAA

■ 00011A

■ 92A5C5

■ 000000

■ ADC1E1

■ C8DCFE

■ E5F9FF

■ 2D425D

■ 2D425D

■ 243D5D

■ 36475D

■ 1A385D

■ 404C5D

■ 11325D

■ 49525D

■ 082D5D

■ 52575D

■ 00295D

■ 5C5C5D

■ 65615D

■ 6E675D

■ 776C5D

■ 81715D

Harmonies

Analogous

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



154659



2D425D



433D59

Triad

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



2D425D



5C3733



2A4732

Complementary

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



2D425D



5D482D

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.



3B4428



2D425D



553B28

Square

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



2D425D



5B3641



4A4024



174841

Rectangle

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



2D425D



4E3A53



4A4024



30462E

Sweetspot

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



2D425D



666E78



2D5D47



32373D



BDBDBD



3D3D3D

Same Dimension

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



2D425D



2E4E78



2F2D5D



292B2E



00306E



0068ED

Inverse Universe

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



5D2D42



782E4E



5B5D2D



2E292B



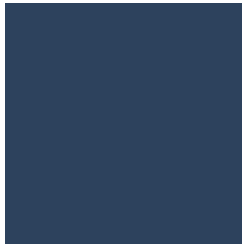
6E0030



ED0068

Previews

White Background



This preview shows how the Hex color 2D425D looks on a white background.

Color Contrast Check

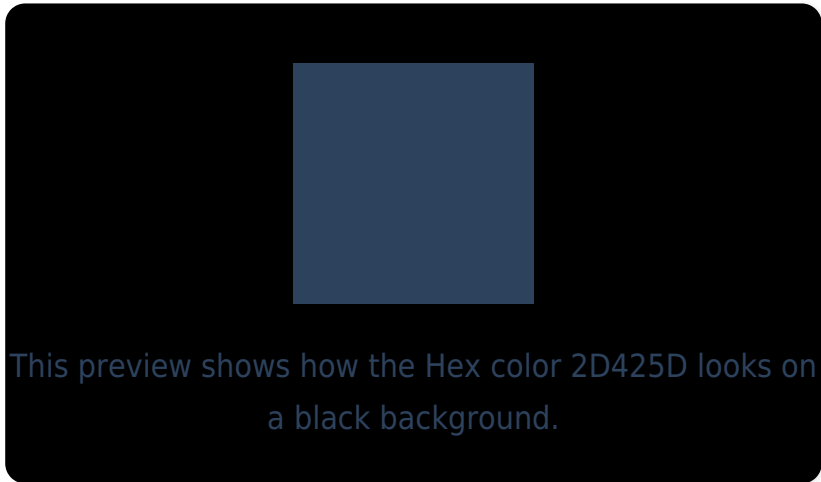
Large Text (above 18pt) WCAG AA ✓ Pass

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

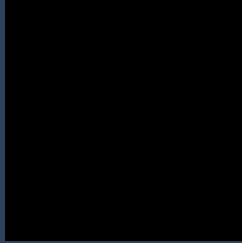
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

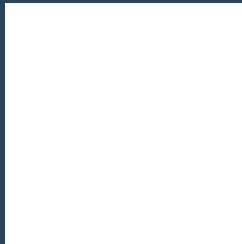
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D425D Background



This preview shows how black text looks on a background with the Hex color 2D425D.



This preview shows how white text looks on a background with the Hex color 2D425D.

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
2D425D

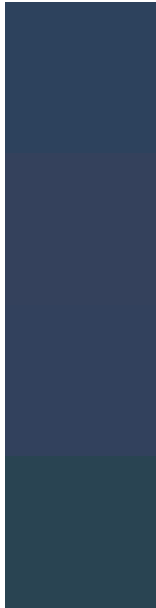
Protanopia
38405B

Deuteranopia
35405D



Tritanopia
27454B

Trichromacy



Original Color
2D425D

Protanomaly
34415C

Deuteranomaly
32415D

Tritanomaly
294452

Monochromacy



Original Color
2D425D

Achromatopsia
3F3F3F

Achromatomaly
38404A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D425D 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 #2D425D looks like.

```
.text, #text, p{  
    color:#2D425D  
}
```

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 #2D425D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D425D
}
```

Border

The CSS property to change the border of an element to Hex 2D425D 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
#2D425D }
```

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

```
.border{ border-color:#2D425D }
```

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

Here you see how a box with a 4 pixel #2D425D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D425D; -webkit-box-shadow:4px 4px  
4px 4px #2D425D; box-shadow:4px 4px 4px  
4px #2D425D }
```

Background

The CSS property to change the background color of an element to Hex 2D425D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D425D }
```

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

```
.background{ background-color:#2D425D }
```

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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