

Converting Colors

Hex(2D2A46)

Have a look what the booklet for
Hex(2D2A46) contains.

Hex(2D2A46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D2A46)

Conversions

Conversions Part 1

Format	Color
Hex	2D2A46
RGB	45, 42, 70
RGB Percent	18%, 16%, 27%
CMY	0.8235, 0.8353, 0.7255
CMYK	0.36, 0.40, 0.00, 0.73
HSL	246°, 25%, 22%
HSV	246°, 40%, 27%
XYZ	3.0156, 2.6560, 6.1481
YIQ	46.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

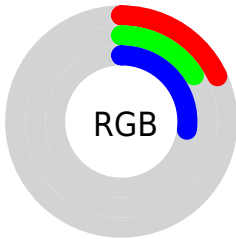
Format	Color
R_{YB}	45, 42, 70
Decimal	2959942
CIE Lab	18.61, 9.11, -17.06
CIE LCh	19, 19.336, 298.102
Yxy	2.6560, 0.2551, 0.2247
Android (android.graphics.Color)	4281150022 (0xFF2D2A46)
YUV	46.0890, 11.7881, -0.9551
Hunter-Lab	16.2973, 4.5093, -10.9588




Details

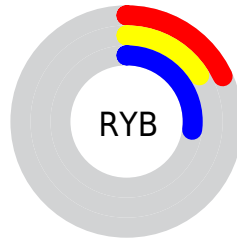
The Hex color **2D2A46** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **43462A**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **5C5776**, and **00001B** is the 20% darker color. If you saturate the color by 10%, you get **272346**, and if you desaturate by 10%, it is **333146**.

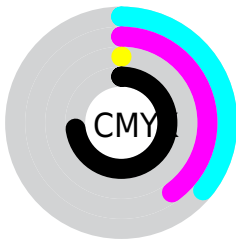
Distribution







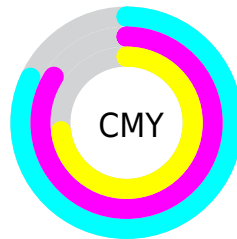
-  Red (18%)
-  Green (16%)
-  Blue (27%)






-  Red (18%)
-  Yellow (16%)
-  Blue (27%)



-  Cyan (36%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (82%)
-  Magenta (84%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2A46 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 2D2A46 by changing the saturation by 10% instead.

■ 2D2A46

■ 2D2A46

FFFFFF

■ 17162F

■ 5C5776

■ 00001B

■ 757090

■ 000000

■ 8E89AB

■ A9A3C6

■ C4BEE2

■ E0DAFF

■ FDF7FF

■ 2D2A46

■ 2D2A46

■ 272346

■ 333146

■ 211C46

■ 3A3846

■ 1A1546

■ 403F46

■ 140E46

■ 464646

■ 0E0746

■ 4C4D46

■ 080046

■ 525446

■ 595B46

■ 5F6246

■ 656946

Harmonies

Analogous

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



132F49



2D2A46



3E253C

Triad

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



2D2A46



412716



00342C

Complementary

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



2D2A46



43462A

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.



17331E



2D2A46



372C11

Square

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



2D2A46



472321



283014



00343A

Rectangle

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



2D2A46



452233



283014



063427

Sweetspot

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



2D2A46



52515C



2A4346



28272E



ADADAD



2E2E2E

Same Dimension

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



2D2A46



34305C



3B2A46



212024



0B0063



1800E3

Inverse Universe

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



462A43



5C3057



35462A



242023



630059



E300CB

Previews

White Background



This preview shows how the Hex color 2D2A46 looks on a white background.

Color Contrast Check

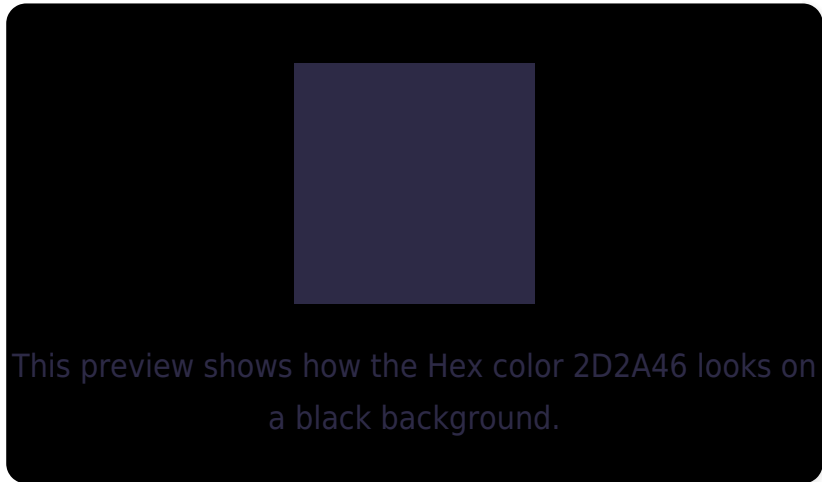
Large Text (above 18pt) WCAG AA ✓ Pass

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

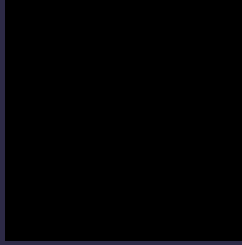
Any Text WCAG AA × Fail

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 2D2A46 Background



This preview shows how black text looks on a background with the Hex color 2D2A46.



This preview shows how white text looks on a background with the Hex color 2D2A46.

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
2D2A46

Protanopia
232C48

Deuteranopia
222D45



Tritanopia
292E32

Trichromacy



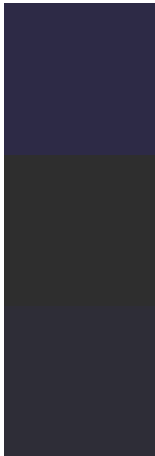
Original Color
2D2A46

Protanomaly
272B47

Deuteranomaly
262C45

Tritanomaly
2A2D39

Monochromacy



Original Color
2D2A46

Achromatopsia
2E2E2E

Achromatomaly
2E2D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2A46 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 #2D2A46 looks like.

```
.text, #text, p{  
    color:#2D2A46  
}
```

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 #2D2A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2A46
}
```

Border

The CSS property to change the border of an element to Hex 2D2A46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

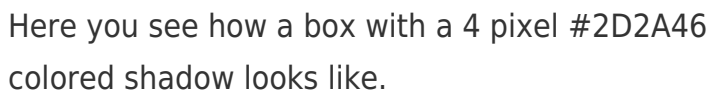
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2A46 }
```

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

```
.border{ border-color:#2D2A46 }
```

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



Here you see how a box with a 4 pixel #2D2A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2A46; -webkit-box-shadow:4px 4px  
4px 4px #2D2A46; box-shadow:4px 4px 4px  
4px #2D2A46 }
```

Background

The CSS property to change the background color of an element to Hex 2D2A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2A46 }
```

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

```
.background{ background-color:#2D2A46 }
```

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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