

Converting Colors

Hex(2D2840)

Have a look what the booklet for
Hex(2D2840) contains.

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Color

Hex(2D2840)

Conversions

Conversions Part 1

Format	Color
Hex	2D2840
RGB	45, 40, 64
RGB Percent	18%, 16%, 25%
CMY	0.8235, 0.8431, 0.7490
CMYK	0.30, 0.38, 0.00, 0.75
HSL	253°, 23%, 20%
HSV	253°, 38%, 25%
XYZ	2.7664, 2.4456, 5.1767
YIQ	44.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

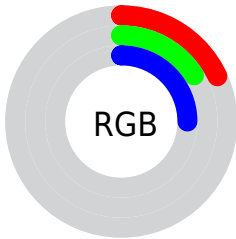
Format	Color
R_{YB}	45, 40, 64
Decimal	2959424
CIE _{Lab}	17.67, 8.67, -14.40
CIE _{LCh}	18, 16.808, 301.046
Yxy	2.4456, 0.2663, 0.2354
Android (android.graphics.Color)	4281149504 (0xFF2D2840)
YUV	44.2310, 9.7461, 0.6744
Hunter-Lab	15.6385, 4.2085, -8.6795

Details

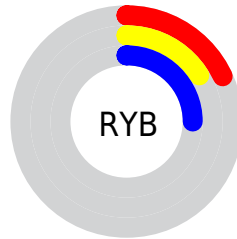
The Hex color **2D2840** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B4028**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5B5570**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **282240**, and if you desaturate by 10%, it is **322E40**.

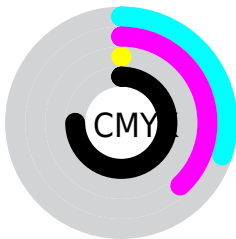
Distribution



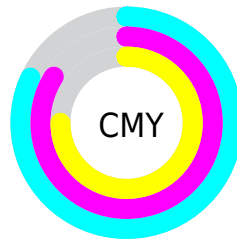
- Red (18%)
- Green (16%)
- Blue (25%)



- Red (18%)
- Yellow (16%)
- Blue (25%)



- Cyan (30%)
- Magenta (38%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2840 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 2D2840 by changing the saturation by 10% instead.

■ 2D2840

■ 2D2840

FFFFFF

■ 18142A

■ 5B5570

■ 000115

■ 746D89

■ 000000

■ 8E87A4

■ A8A1BF

■ C4BCDB

■ E0D8F7

■ FCF4FF

■ 2D2840

■ 2D2840

■ 282240

■ 322E40

■ 231B40

■ 373540

■ 1E1540

■ 3C3B40

■ 190E40

■ 414240

■ 140840

■ 464840

■ 0F0240

■ 4B4E40

■ 0D0040

■ 505540

■ 565B40

■ 5B6240

Harmonies

Analogous

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



192C43



2D2840



3B2437

Triad

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



2D2840



3C2616



03322B

Complementary

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



2D2840



3B4028

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.



17311F



2D2840



322B13

Square

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



2D2840



42231F



262E16



003137

Rectangle

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



2D2840



40222F



262E16



0A3127

Sweetspot

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



2D2840



4D4B54



283B40



27262B



ABABAB



2B2B2B

Same Dimension

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



2D2840



362E54



392840



1F1E21



140061



2F00E0

Inverse Universe

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



40283B



542E4C



2F4028



211E20



61004D



E000B2

Previews

White Background



This preview shows how the Hex color 2D2840 looks on a white background.

Color Contrast Check

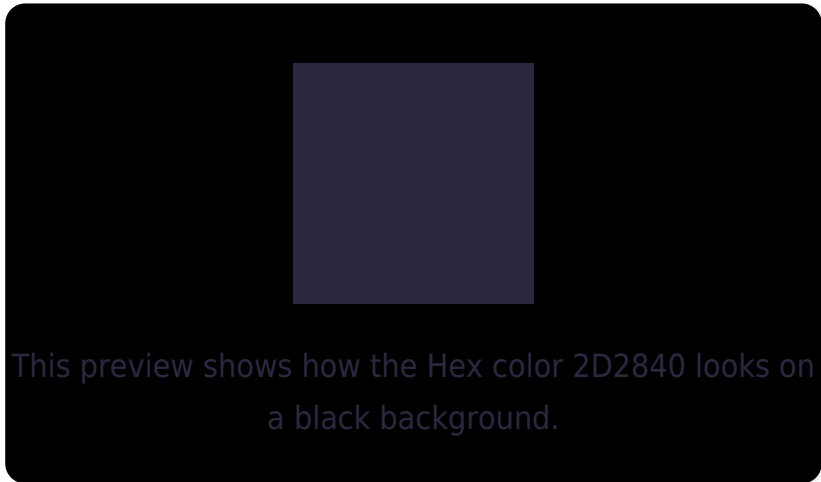
Large Text (above 18pt) WCAG AA ✓ Pass

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

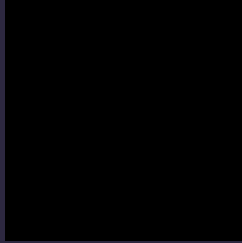
Any Text WCAG AA × Fail

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 2D2840 Background



This preview shows how black text looks on a background with the Hex color 2D2840.



This preview shows how white text looks on a background with the Hex color 2D2840.

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
2D2840

Protanopia
232B42

Deuteranopia
232B3F

Trichromacy



Original Color

2D2840

Protanomaly

272A41

Deuteranomaly

272A3F

Tritanomaly

2B2B35

Monochromacy



Original Color

2D2840

Achromatopsia

2C2C2C

Achromatomaly

2C2B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2840 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 #2D2840 looks like.

```
.text, #text, p{  
    color:#2D2840  
}
```

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 #2D2840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2840
}
```

Border

The CSS property to change the border of an element to Hex 2D2840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

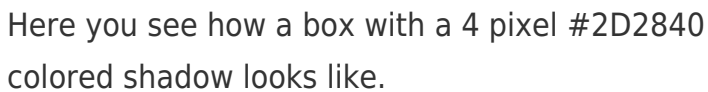
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2840 }
```

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

```
.border{ border-color:#2D2840 }
```

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



Here you see how a box with a 4 pixel #2D2840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2840; -webkit-box-shadow:4px 4px  
4px 4px #2D2840; box-shadow:4px 4px 4px  
4px #2D2840 }
```

Background

The CSS property to change the background color of an element to Hex 2D2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2840 }
```

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

```
.background{ background-color:#2D2840 }
```

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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