

Converting Colors

Hex(2D3444)

Have a look what the booklet for
Hex(2D3444) contains.

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Color

Hex(2D3444)

Conversions

Conversions Part 1

Format	Color
Hex	2D3444
RGB	45, 52, 68
RGB Percent	18%, 20%, 27%
CMY	0.8235, 0.7961, 0.7333
CMYK	0.34, 0.24, 0.00, 0.73
HSL	222°, 20%, 22%
HSV	222°, 34%, 27%
XYZ	3.3536, 3.4312, 5.9544
YIQ	51.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

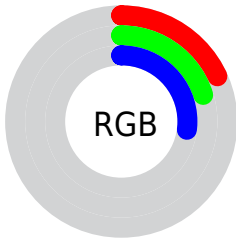
Format	Color
R _Y B	45, 50, 68
Decimal	2962500
CIE Lab	21.69, 1.52, -10.92
CIE LCh	22, 11.029, 277.913
Yxy	3.4312, 0.2632, 0.2693
Android (android.graphics.Color)	4281152580 (0xFF2D3444)
YUV	51.7310, 8.0206, -5.9031
Hunter-Lab	18.5236, -0.1000, -6.0922

Details


The Hex color **2D3444** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **443D2D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5B6274**, and **000619** is the 20% darker color. If you saturate the color by 10%, you get **262F44**, and if you desaturate by 10%, it is **343944**.

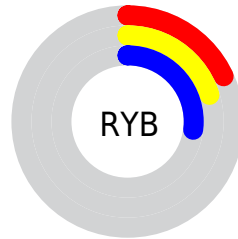
Distribution



 Red (18%)

 Green (20%)

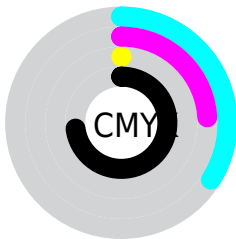
 Blue (27%)




 Red (18%)

 Yellow (20%)

 Blue (27%)

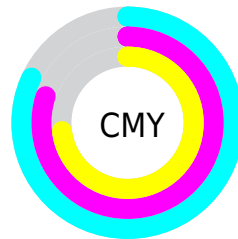


 Cyan (34%)

 Magenta (24%)

 Yellow (0%)

 Black (73%)



 Cyan (82%)

 Magenta (80%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3444 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 2D3444 by changing the saturation by 10% instead.

■ 2D3444

■ 2D3444

FFFFFF

■ 181F2E

■ 5B6274

■ 000619

■ 747B8E

■ 000000

■ 8E95A8

■ A8B0C3

■ C4CBDF

■ E0E7FC

■ FCFFFF

■ 2D3444

■ 2D3444

■ 262F44

■ 343944

■ 1F2B44

■ 3B3D44

■ 192644

■ 414244

■ 122144

■ 484744

■ 0B1C44

■ 4F4C44

■ 041844

■ 565044

■ 001544

■ 5D5544

■ 635A44

■ 6A5F44

Harmonies

Analogous

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



223643



2D3444



383141

Triad

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



2D3444



442F2A



26382E

Complementary

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



2D3444



443D2D

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.



2F3727



2D3444



3F3125

Square

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



2D3444



442E32



383424



1E3936

Rectangle

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



2D3444



3E303D



383424



29382B

Sweetspot

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



2D3444



505359



2D443D



282A2E



ADADAD



2E2E2E

Same Dimension

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



2D3444



354059



312D44



1E1F21



001D61



0044E0

Inverse Universe

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



442D34



593540



40442D



211E1F



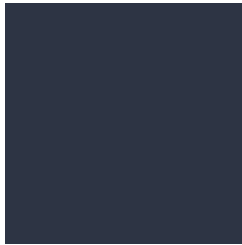
61001D



E00044

Previews

White Background



This preview shows how the Hex color 2D3444 looks on a white background.

Color Contrast Check

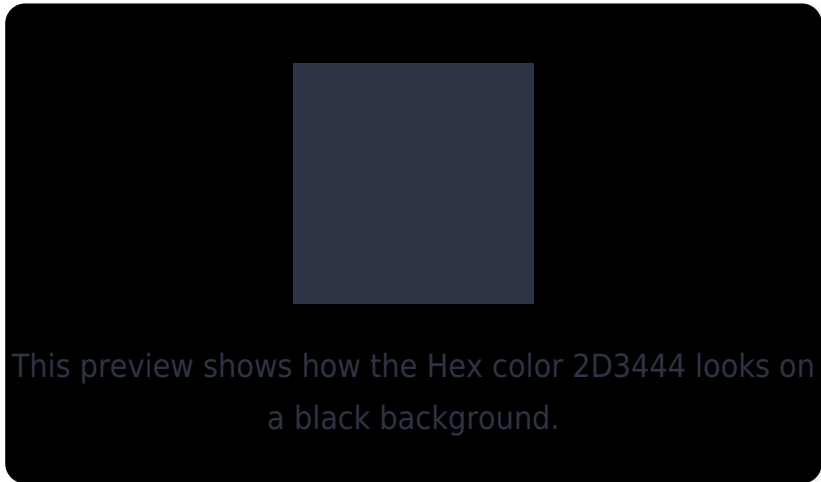
Large Text (above 18pt) WCAG AA ✓ Pass

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

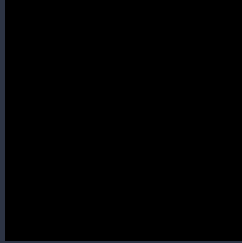
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

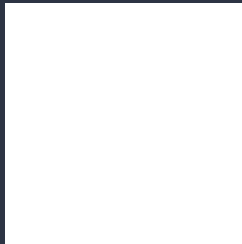
Any Text WCAG AAA × Fail

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

Hex 2D3444 Background



This preview shows how black text looks on a background with the Hex color 2D3444.



This preview shows how white text looks on a background with the Hex color 2D3444.

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
2D3444

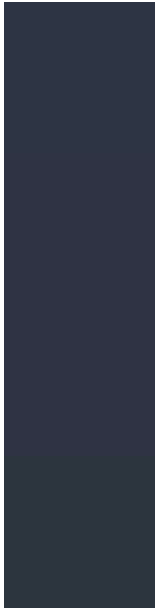
Protanopia
303344

Deuteranopia
303344



Tritanopia
2B363A

Trichromacy



Original Color
2D3444

Protanomaly
2F3344

Deuteranomaly
2F3344

Tritanomaly
2C353E

Monochromacy



Original Color
2D3444

Achromatopsia
343434

Achromatomaly
31343A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3444 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 #2D3444 looks like.

```
.text, #text, p{  
    color:#2D3444  
}
```

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 #2D3444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3444  
}
```

Border

The CSS property to change the border of an element to Hex 2D3444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

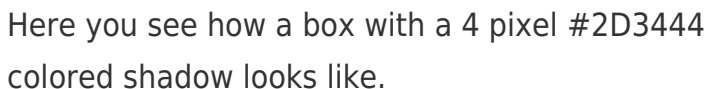
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2D3444 }
```

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

```
.border{ border-color:#2D3444 }
```

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



Here you see how a box with a 4 pixel #2D3444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3444; -webkit-box-shadow:4px 4px  
4px 4px #2D3444; box-shadow:4px 4px 4px  
4px #2D3444 }
```

Background

The CSS property to change the background color of an element to Hex 2D3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3444 }
```

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

```
.background{ background-color:#2D3444 }
```

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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