

Converting Colors

Hex(2D4E59)

Have a look what the booklet for
Hex(2D4E59) contains.

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Color

Hex(2D4E59)

Conversions

Conversions Part 1

Format	Color
Hex	2D4E59
RGB	45, 78, 89
RGB Percent	18%, 31%, 35%
CMY	0.8235, 0.6941, 0.6510
CMYK	0.49, 0.12, 0.00, 0.65
HSL	195°, 33%, 26%
HSV	195°, 49%, 35%
XYZ	5.6097, 6.7279, 10.4541
YIQ	69.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

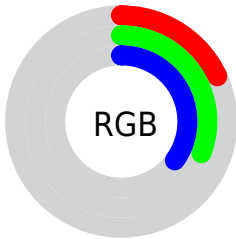
Format	Color
R_{YB}	45, 64, 89
Decimal	2969177
CIE _{Lab}	31.18, -8.69, -10.24
CIE _{LCh}	31, 13.426, 229.685
Yxy	6.7279, 0.2461, 0.2952
Android (android.graphics.Color)	4281159257 (0xFF2D4E59)
YUV	69.3870, 9.6692, -21.3874
Hunter-Lab	25.9383, -6.7872, -5.7394




Details

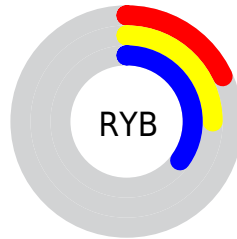
The Hex color **2D4E59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59382D**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **5E7F8B**, and **00222C** is the 20% darker color. If you saturate the color by 10%, you get **244C59**, and if you desaturate by 10%, it is **365059**.

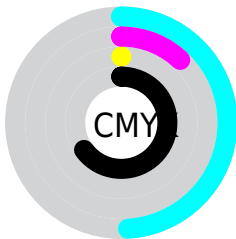
Distribution







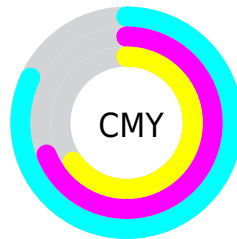
-  Red (18%)
-  Green (31%)
-  Blue (35%)






-  Red (18%)
-  Yellow (25%)
-  Blue (35%)



-  Cyan (49%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (82%)
-  Magenta (69%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4E59 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 2D4E59 by changing the saturation by 10% instead.

■ 2D4E59

■ 2D4E59

FFFFFF

■ 153742

■ 5E7F8B

■ 00222C

■ 7799A5

■ 000917

■ 92B4C0

■ 000000

■ ADCFDC

■ C8ECF9

■ E5FFFF

■ 2D4E59

■ 2D4E59

■ 244C59

■ 365059

■ 1B4A59

■ 3F5259

■ 124759

■ 485559

■ 094559

■ 515759

■ 014359

■ 5A5959

■ 004359

■ 625B59

■ 6B5E59

■ 746059

■ 7D6259

Harmonies

Analogous

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



2B4F50



2D4E59



384B5E

Triad

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



2D4E59



5C424D



4A4B36

Complementary

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



2D4E59



59382D

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.



554735



2D4E59



5F4243

Square

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



2D4E59



534457



5C443A



3E4E3C

Rectangle

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



2D4E59



41495E



5C443A



4E4A35

Sweetspot

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



2D4E59



626E73



2D5938



30383B



BABABA



3B3B3B

Same Dimension

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



2D4E59



2F6273



2D3859



272A2B



00506B



00B0EB

Inverse Universe

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



592D4E



732F62



594E2D



2B272A



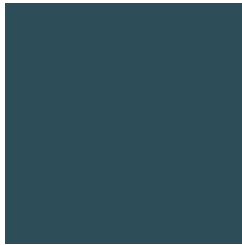
6B0050



EB00B0

Previews

White Background



This preview shows how the Hex color 2D4E59 looks on a white background.

Color Contrast Check

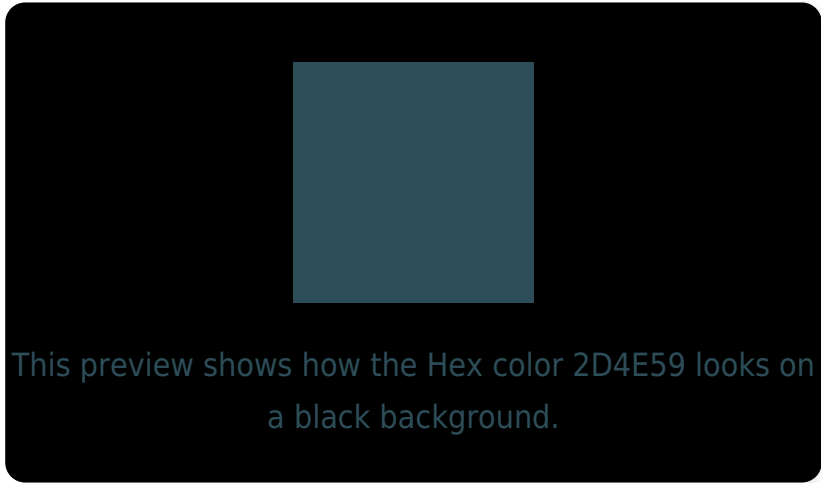
Large Text (above 18pt) WCAG AA ✓ Pass

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

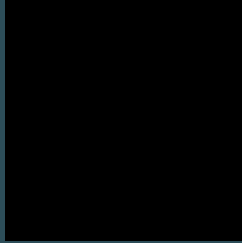
Any Text WCAG AA × Fail

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 2D4E59 Background



This preview shows how black text looks on a background with the Hex color 2D4E59.



This preview shows how white text looks on a background with the Hex color 2D4E59.

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

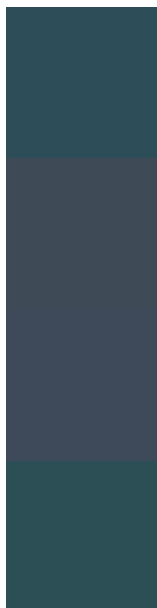


Original Color
2D4E59

Protanopia
474955

Deuteranopia
48485A

Trichromacy



Original Color

2D4E59

Protanomaly

3E4B56

Deuteranomaly

3E4A5A

Tritanomaly

2C4F56

Monochromacy



Original Color

2D4E59

Achromatopsia

454545

Achromatomaly

3C484C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4E59 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 #2D4E59 looks like.

```
.text, #text, p{  
    color:#2D4E59  
}
```

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 #2D4E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4E59
}
```

Border

The CSS property to change the border of an element to Hex 2D4E59 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".

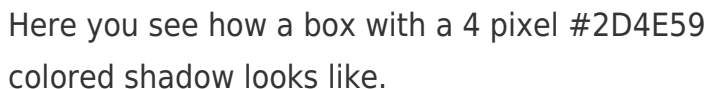
```
.border, #border, table{ border:4px solid
#2D4E59 }
```

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

```
.border{ border-color:#2D4E59 }
```

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

Here you see how a box with a 4 pixel #2D4E59 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4E59; -webkit-box-shadow:4px 4px  
4px 4px #2D4E59; box-shadow:4px 4px 4px  
4px #2D4E59 }
```

Background

The CSS property to change the background color of an element to Hex 2D4E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4E59 }
```

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

```
.background{ background-color:#2D4E59 }
```

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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