

Converting Colors

Hex(2D4D61)

Have a look what the booklet for
Hex(2D4D61) contains.

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Color

Hex(2D4D61)

Conversions

Conversions Part 1

Format	Color
Hex	2D4D61
RGB	45, 77, 97
RGB Percent	18%, 30%, 38%
CMY	0.8235, 0.6980, 0.6196
CMYK	0.54, 0.21, 0.00, 0.62
HSL	203°, 37%, 28%
HSV	203°, 54%, 38%
XYZ	5.8937, 6.7287, 12.2974
YIQ	69.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

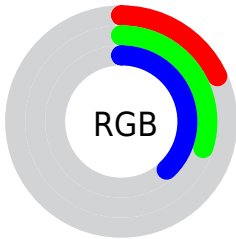
Format	Color
RYB	45, 65, 97
Decimal	2968929
CIELab	31.18, -5.46, -15.33
CIELCh	31, 16.273, 250.383
Yxy	6.7287, 0.2365, 0.2700
Android (android.graphics.Color)	4281159009 (0xFF2D4D61)
YUV	69.7120, 13.4530, -21.6724
Hunter-Lab	25.9398, -4.8379, -9.9501




Details

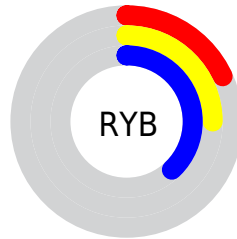
The Hex color **2D4D61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61412D**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **5F7E94**, and **002133** is the 20% darker color. If you saturate the color by 10%, you get **234961**, and if you desaturate by 10%, it is **375161**.

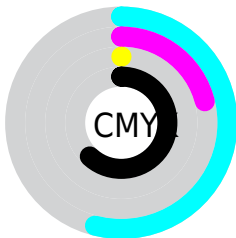
Distribution







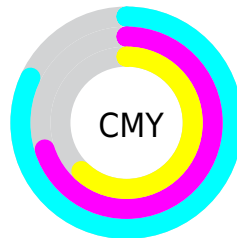
-  Red (18%)
-  Green (30%)
-  Blue (38%)






-  Red (18%)
-  Yellow (25%)
-  Blue (38%)



-  Cyan (54%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (70%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4D61 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 2D4D61 by changing the saturation by 10% instead.

■ 2D4D61

■ 2D4D61

FFFFFF

■ 143649

■ 5F7E94

■ 002133

■ 7898AE

■ 000A1E

■ 93B2CA

■ 000000

■ AECEE6

■ CAEAFF

■ E6FFFF

■ 2D4D61

■ 2D4D61

■ 234961

■ 375161

■ 1A4661

■ 405461

■ 104261

■ 4A5861

■ 063E61

■ 545C61

■ 003C61

■ 5E6061

■ 676361

■ 716761

■ 7B6B61

■ 846F61

Harmonies

Analogous

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



215059



2D4D61



3F4962

Triad

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



2D4D61



634045



404E36

Complementary

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



2D4D61



61412D

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.



4E4A30



2D4D61



614239

Square

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



2D4D61



5D4152



5A4632



315040

Rectangle

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



2D4D61



4B465F



5A4632



454C33

Sweetspot

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



2D4D61



69757D



2D6141



343B40



BFBFBF



404040

Same Dimension

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



2D4D61



2D5E7D



2D3361



2C2F30



004570



0094F0

Inverse Universe

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



612D4D



7D2D5E



615B2D



302C2F



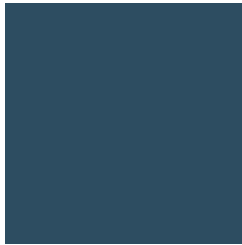
700045



F00094

Previews

White Background



This preview shows how the Hex color 2D4D61 looks on a white background.

Color Contrast Check

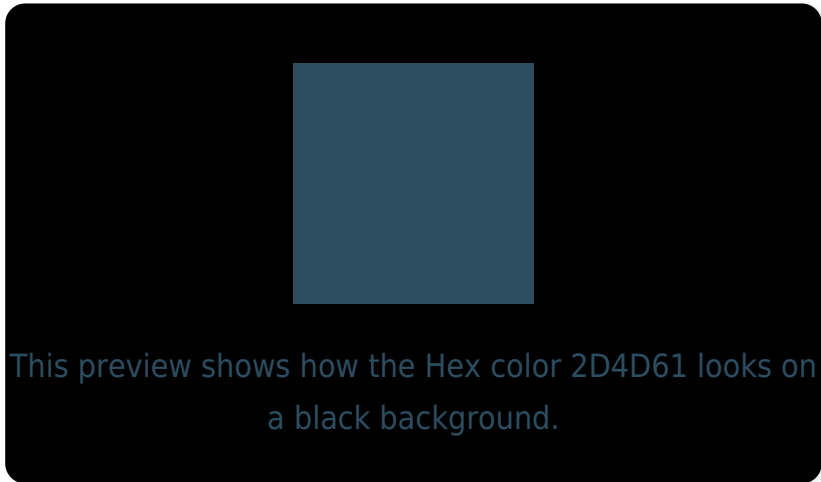
Large Text (above 18pt) WCAG AA ✓ Pass

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

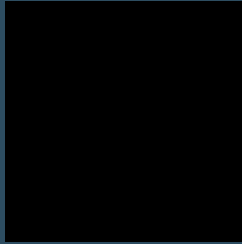
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

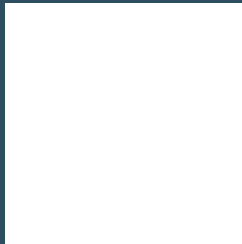
Any Text WCAG AAA × Fail

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

Hex 2D4D61 Background



This preview shows how black text looks on a background with the Hex color 2D4D61.



This preview shows how white text looks on a background with the Hex color 2D4D61.

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
2D4D61

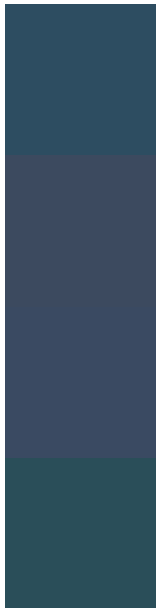
Protanopia
44485E

Deuteranopia
424862



Tritanopia
294F55

Trichromacy



Original Color
2D4D61

Protanomaly
3C4A5F

Deuteranomaly
3A4A62

Tritanomaly
2A4E59

Monochromacy



Original Color
2D4D61

Achromatopsia
464646

Achromatomaly
3D4950

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4D61 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 #2D4D61 looks like.

```
.text, #text, p{  
    color:#2D4D61  
}
```

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 #2D4D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4D61
}
```

Border

The CSS property to change the border of an element to Hex 2D4D61 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".

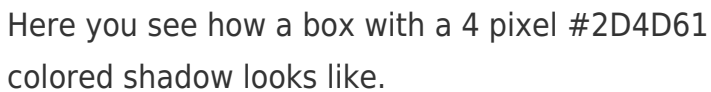
```
.border, #border, table{ border:4px solid
#2D4D61 }
```

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

```
.border{ border-color:#2D4D61 }
```

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

Here you see how a box with a 4 pixel #2D4D61 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 #2D4D61; -webkit-box-shadow:4px 4px  
4px 4px #2D4D61; box-shadow:4px 4px 4px  
4px #2D4D61 }
```

Background

The CSS property to change the background color of an element to Hex 2D4D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4D61 }
```

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

```
.background{ background-color:#2D4D61 }
```

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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