

Converting Colors

Hex(2D4F60)

Have a look what the booklet for
Hex(2D4F60) contains.

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Color

Hex(2D4F60)

Conversions

Conversions Part 1

Format	Color
Hex	2D4F60
RGB	45, 79, 96
RGB Percent	18%, 31%, 38%
CMY	0.8235, 0.6902, 0.6235
CMYK	0.53, 0.18, 0.00, 0.62
HSL	200°, 36%, 28%
HSV	200°, 53%, 38%
XYZ	5.9895, 6.9944, 12.1007
YIQ	70.7720, -25.7210, -1.9210

Conversions

Conversions Part 2

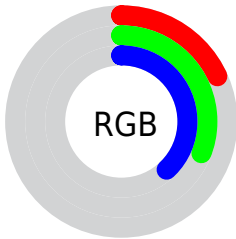
Format	Color
RYB	45, 65, 96
Decimal	2969440
CIELab	31.79, -7.04, -13.75
CIElCh	32, 15.450, 242.895
Yxy	6.9944, 0.2388, 0.2788
Android (android.graphics.Color)	4281159520 (0xFF2D4F60)
YUV	70.7720, 12.4374, -22.6020
Hunter-Lab	26.4469, -5.8567, -8.6151




Details

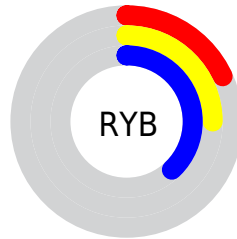
The Hex color **2D4F60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **603E2D**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **5F8093**, and **002332** is the 20% darker color. If you saturate the color by 10%, you get **234C60**, and if you desaturate by 10%, it is **375260**.

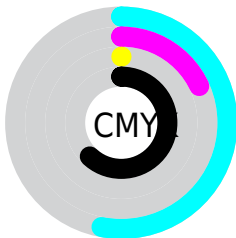
Distribution







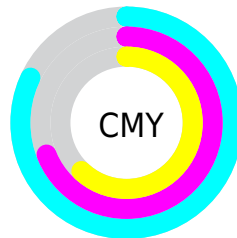
-  Red (18%)
-  Green (31%)
-  Blue (38%)






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



-  Cyan (53%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (82%)
-  Magenta (69%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4F60 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 2D4F60 by changing the saturation by 10% instead.

■ 2D4F60

■ 2D4F60

FFFFFF

■ 143848

■ 5F8093

■ 002332

■ 789AAD

■ 000D1D

■ 93B5C9

■ 000000

■ AED0E5

■ CAEDFF

■ E6FFFF

■ 2D4F60

■ 2D4F60

■ 234C60

■ 375260

■ 1A4960

■ 405560

■ 104560

■ 4A5960

■ 074260

■ 535C60

■ 004060

■ 5D5F60

■ 676260

■ 706560

■ 7A6960

■ 836C60

Harmonies

Analogous

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



255158



2D4F60



3D4C63

Triad

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



2D4F60



62424A



454E36

Complementary

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



2D4F60



603E2D

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.



524A33



2D4F60



63433E

Square

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



2D4F60



5B4456



5D4636



37513F

Rectangle

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



2D4F60



494961



5D4636



4A4D34

Sweetspot

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



2D4F60



69767D



2D603E



343C40



BFBFBF



404040

Same Dimension

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



2D4F60



2D627D



2D3660



2C2F30



004B70



00A0F0

Inverse Universe

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



602D4F



7D2D62



60582D



302C2F



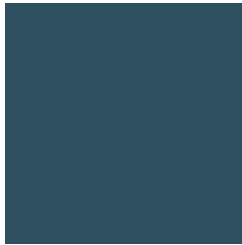
70004B



F000A0

Previews

White Background



This preview shows how the Hex color 2D4F60 looks on a white background.

Color Contrast Check

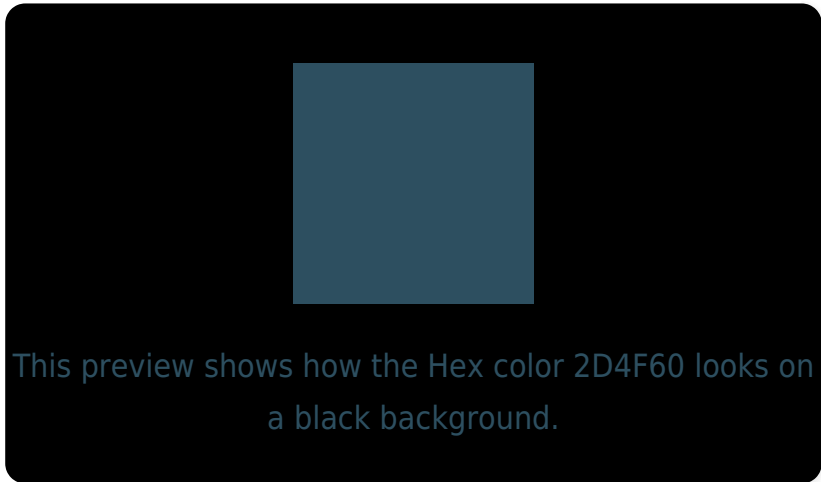
Large Text (above 18pt) WCAG AA ✓ Pass

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

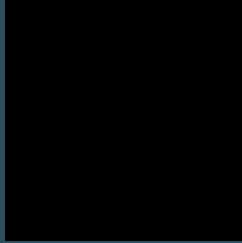
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

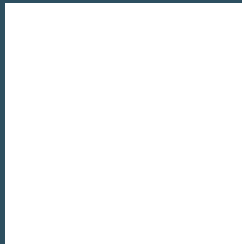
Any Text WCAG AAA × Fail

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

Hex 2D4F60 Background



This preview shows how black text looks on a background with the Hex color 2D4F60.



This preview shows how white text looks on a background with the Hex color 2D4F60.

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
2D4F60

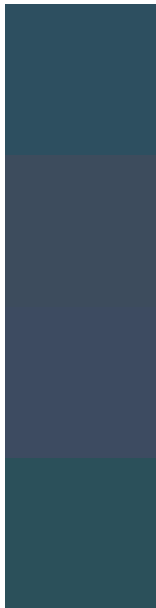
Protanopia
464A5C

Deuteranopia
464961



Tritanopia
2A5157

Trichromacy



Original Color
2D4F60

Protanomaly
3D4C5D

Deuteranomaly
3D4B61

Tritanomaly
2B505A

Monochromacy



Original Color
2D4F60

Achromatopsia
474747

Achromatomaly
3E4A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4F60 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 #2D4F60 looks like.

```
.text, #text, p{  
    color:#2D4F60  
}
```

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 #2D4F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4F60  
}
```

Border

The CSS property to change the border of an element to Hex 2D4F60 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  
#2D4F60 }
```

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

```
.border{ border-color:#2D4F60 }
```

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

Here you see how a box with a 4 pixel #2D4F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4F60; -webkit-box-shadow:4px 4px  
4px 4px #2D4F60; box-shadow:4px 4px 4px  
4px #2D4F60 }
```

Background

The CSS property to change the background color of an element to Hex 2D4F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4F60 }
```

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

```
.background{ background-color:#2D4F60 }
```

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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