

Converting Colors

Hex(2D624F)

Have a look what the booklet for
Hex(2D624F) contains.

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Color

Hex(2D624F)

Conversions

Conversions Part 1

Format	Color
Hex	2D624F
RGB	45, 98, 79
RGB Percent	18%, 38%, 31%
CMY	0.8235, 0.6157, 0.6902
CMYK	0.54, 0.00, 0.19, 0.62
HSL	158°, 37%, 28%
HSV	158°, 54%, 38%
XYZ	6.8612, 9.8578, 8.9383
YIQ	79.9870, -25.4890, -17.1450

Conversions

Conversions Part 2

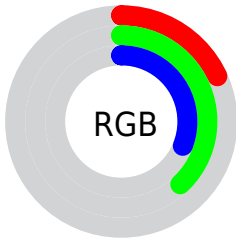
Format	Color
RYB	45, 77, 98
Decimal	2974287
CIELab	37.59, -22.79, 5.47
CIELCh	38, 23.433, 166.506
Yxy	9.8578, 0.2674, 0.3842
Android (android.graphics.Color)	4281164367 (0xFF2D624F)
YUV	79.9870, -0.4866, -30.6836
Hunter-Lab	31.3971, -15.9376, 5.0990




Details

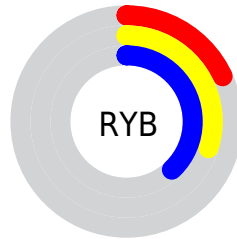
The Hex color **2D624F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **622D40**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **5F9580**, and **003323** is the 20% darker color. If you saturate the color by 10%, you get **23624B**, and if you desaturate by 10%, it is **376253**.

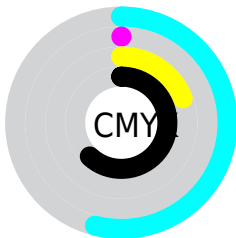
Distribution







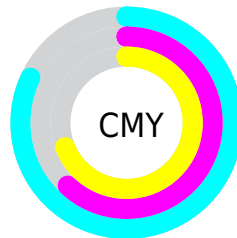
-  Red (18%)
-  Green (38%)
-  Blue (31%)






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



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (19%)
-  Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D624F 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 2D624F by changing the saturation by 10% instead.

 2D624F

 2D624F

FFFFFF

 134A38

 5F9580

 003323

 79B09A

 001F0D

 94CBB5

 000000

 AFE8D0

 CBFED

 E7FFF

 2D624F

 2D624F

 23624B

 376253

■ 196248

■ 416256

■ 106244

■ 4A625A

■ 066241

■ 54625D

■ 00623F

■ 5E6261

■ 686264

■ 726268

■ 7B626B

■ 85626F

Harmonies

Analogous

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



455F3E



2D624F



126363

Triad

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



2D624F



4E577D



794E3E

Complementary

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



2D624F



622D40

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.



7D4A4F



2D624F



685073

Square

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



2D624F



2E5D7D



784B62



6C5434

Rectangle

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



2D624F



07626E



784B62



7C4C43

Sweetspot

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



2D624F



6B8078



40622D



34403B



BFBFBF



404040

Same Dimension

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



2D624F



2D8062



2D5B62



2C302F



007048



00F09A

Inverse Universe

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



622D40



802D4A



62342D



302C2D



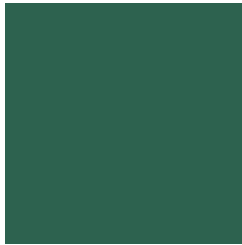
700028



F00056

Previews

White Background



This preview shows how the Hex color 2D624F looks on a white background.

Color Contrast Check

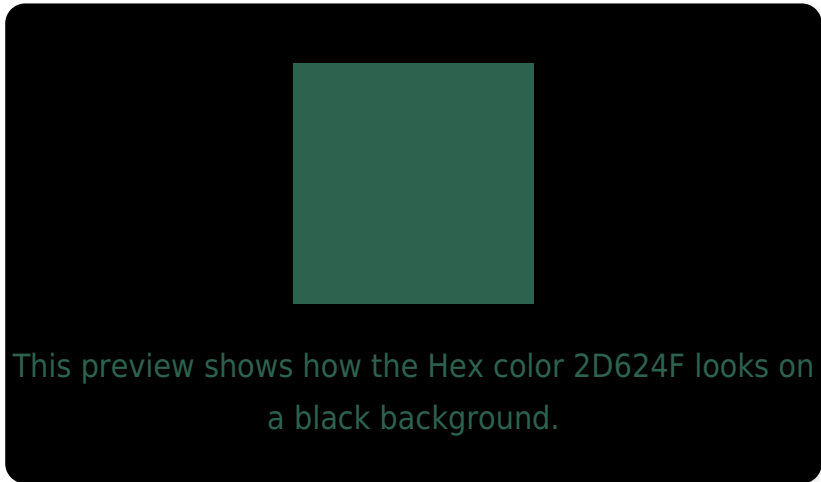
Large Text (above 18pt) WCAG AA ✓ Pass

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

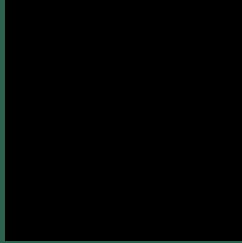
Any Text WCAG AA × Fail

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 2D624F Background



This preview shows how black text looks on a background with the Hex color 2D624F.

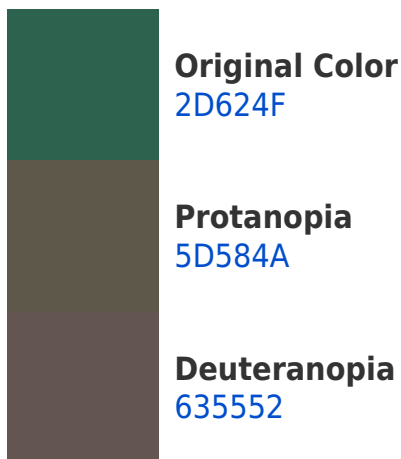


This preview shows how white text looks on a background with the Hex color 2D624F.

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





Tritanopia
345F66

Trichromacy



Original Color
2D624F

Protanomaly
4C5C4C

Deuteranomaly
4F5A51

Tritanomaly
31605E

Monochromacy



Original Color
2D624F

Achromatopsia
505050

Achromatomaly
435750

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D624F 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 #2D624F looks like.

```
.text, #text, p{  
    color:#2D624F  
}
```

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 #2D624F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D624F
}
```

Border

The CSS property to change the border of an element to Hex 2D624F 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
#2D624F }
```

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

```
.border{ border-color:#2D624F }
```

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

Here you see how a box with a 4 pixel #2D624F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D624F; -webkit-box-shadow:4px 4px  
4px 4px #2D624F; box-shadow:4px 4px 4px  
4px #2D624F }
```

Background

The CSS property to change the background color of an element to Hex 2D624F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D624F }
```

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

```
.background{ background-color:#2D624F }
```

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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