

Converting Colors

Hex(25434F)

Have a look what the booklet for
Hex(25434F) contains.

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Color

Hex(25434F)

Conversions

Conversions Part 1

Format	Color
Hex	25434F
RGB	37, 67, 79
RGB Percent	15%, 26%, 31%
CMY	0.8549, 0.7373, 0.6902
CMYK	0.53, 0.15, 0.00, 0.69
HSL	197°, 36%, 23%
HSV	197°, 53%, 31%
XYZ	4.1814, 4.9721, 8.1365
YIQ	59.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

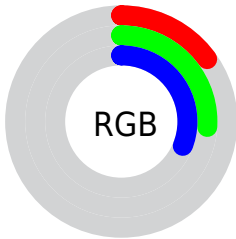
Format	Color
R_{YB}	37, 55, 79
Decimal	2442063
CIE Lab	26.66, -7.35, -10.70
CIE LCh	27, 12.979, 235.504
Yxy	4.9721, 0.2418, 0.2876
Android (android.graphics.Color)	4280632143 (0xFF25434F)
YUV	59.3980, 9.6638, -19.6430
Hunter-Lab	22.2983, -5.5496, -6.0257




Details

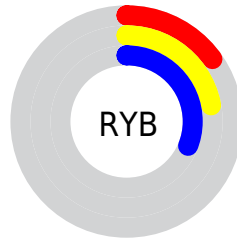
The Hex color **25434F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F3125**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **557380**, and **001923** is the 20% darker color. If you saturate the color by 10%, you get **1D414F**, and if you desaturate by 10%, it is **2D454F**.

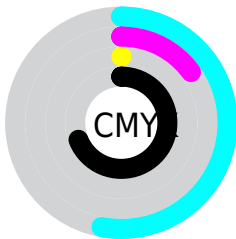
Distribution







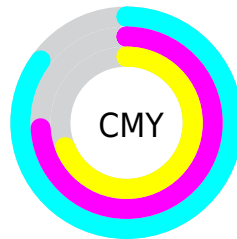
-  Red (15%)
-  Green (26%)
-  Blue (31%)






-  Red (15%)
-  Yellow (22%)
-  Blue (31%)



-  Cyan (53%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (85%)
-  Magenta (74%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25434F 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 25434F by changing the saturation by 10% instead.

■ 25434F

■ 25434F

FFFFFF

■ 0C2D38

■ 557380

■ 001923

■ 6E8D9A

■ 00000C

■ 88A7B5

■ 000000

■ A3C2D0

■ BEDEED

■ DAFBFF

■ F7FFFF

■ 25434F

■ 25434F

■ 1D414F

■ 2D454F

■ 153E4F

■ 35484F

■ 0D3C4F

■ 3D4A4F

■ 053A4F

■ 454C4F

■ 00384F

■ 4D4E4F

■ 54514F

■ 5C534F

■ 64554F

■ 6C574F

Harmonies

Analogous

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



224447



25434F



314053

Triad

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



25434F



513841



3D412D

Complementary

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



25434F



4F3125

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.



483E2B



25434F



533837

Square

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



25434F



4A3A4A



4F3B2F



324334

Rectangle

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



25434F



3A3E52



4F3B2F



41402C

Sweetspot

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



25434F



566166



254F31



293033



B3B3B3



333333

Same Dimension

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



25434F



255366



252E4F



222526



004966



00A4E6

Inverse Universe

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



4F2543



662553



4F4625



262225



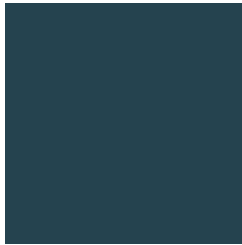
660049



E600A4

Previews

White Background



This preview shows how the Hex color 25434F looks on a white background.

Color Contrast Check

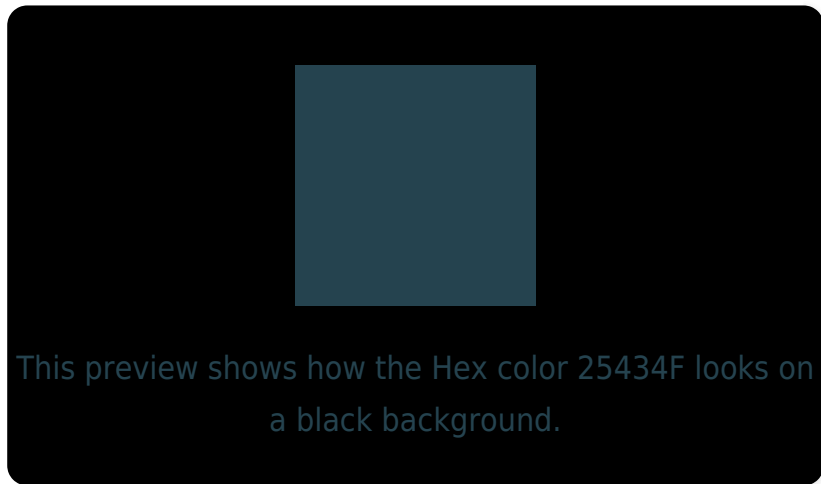
Large Text (above 18pt) WCAG AA ✓ Pass

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

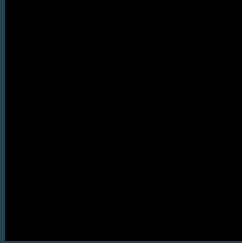
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

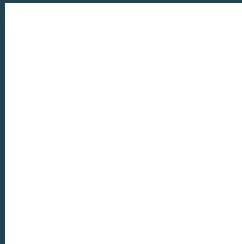
Any Text WCAG AAA × Fail

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

Hex 25434F Background



This preview shows how black text looks on a background with the Hex color 25434F.



This preview shows how white text looks on a background with the Hex color 25434F.

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](#).

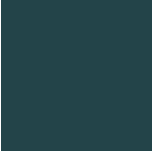
Dichromacy



Original Color
25434F

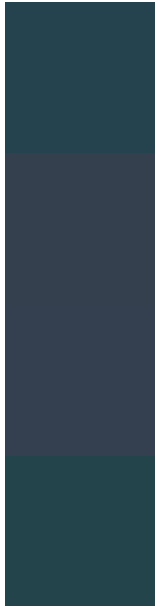
Protanopia
3C3E4C

Deuteranopia
3C3E50



Tritanopia
234449

Trichromacy



Original Color
25434F

Protanomaly
34404D

Deuteranomaly
344050

Tritanomaly
24444B

Monochromacy



Original Color
25434F

Achromatopsia
3B3B3B

Achromatomaly
333E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 25434F 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 #25434F looks like.

```
.text, #text, p{  
    color:#25434F  
}
```

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 #25434F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25434F
}
```

Border

The CSS property to change the border of an element to Hex 25434F 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".

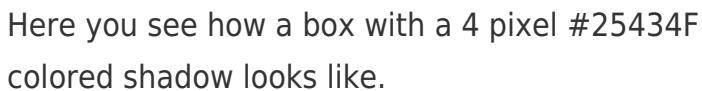
```
.border, #border, table{ border:4px solid
#25434F }
```

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

```
.border{ border-color:#25434F }
```

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

Here you see how a box with a 4 pixel #25434F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25434F; -webkit-box-shadow:4px 4px  
4px 4px #25434F; box-shadow:4px 4px 4px  
4px #25434F }
```

Background

The CSS property to change the background color of an element to Hex 25434F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25434F }
```

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

```
.background{ background-color:#25434F }
```

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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