

Converting Colors

Hex(25434A)

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

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Color

Hex(25434A)

Conversions

Conversions Part 1

Format	Color
Hex	25434A
RGB	37, 67, 74
RGB Percent	15%, 26%, 29%
CMY	0.8549, 0.7373, 0.7098
CMYK	0.50, 0.09, 0.00, 0.71
HSL	191°, 33%, 22%
HSV	191°, 50%, 29%
XYZ	4.0061, 4.9020, 7.2136
YIQ	58.8280, -20.1270, -4.1830

Conversions

Conversions Part 2

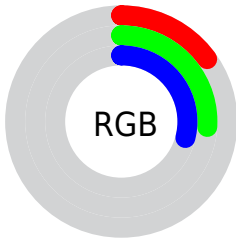
Format	Color
RYB	37, 54, 74
Decimal	2442058
CIELab	26.45, -8.98, -7.73
CIElCh	26, 11.852, 220.712
Yxy	4.9020, 0.2485, 0.3041
Android (android.graphics.Color)	4280632138 (0xFF25434A)
YUV	58.8280, 7.4798, -19.1432
Hunter-Lab	22.1405, -6.4480, -3.8189

Details

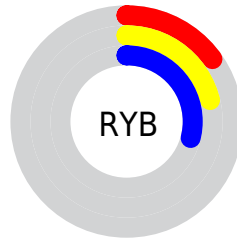
The Hex color **25434A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2C25**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **55737B**, and **00191E** is the 20% darker color. If you saturate the color by 10%, you get **1E424A**, and if you desaturate by 10%, it is **2C444A**.

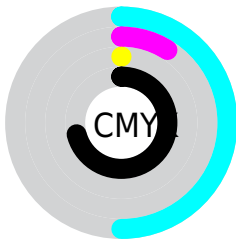
Distribution



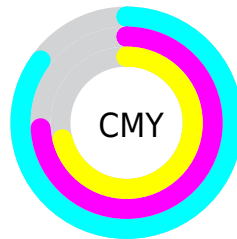
- Red (15%)
- Green (26%)
- Blue (29%)



- Red (15%)
- Yellow (21%)
- Blue (29%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (74%)
- Yellow (71%)

Brightness & Saturation Gradients

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

■ 25434A

■ 25434A

FFFFFF

■ 0D2D33

■ 55737B

■ 00191E

■ 6E8D94

■ 000004

■ 87A7AF

■ 000000

■ A2C2CA

■ BDDEE7

■ D9FBFF

■ F6FFFF

■ 25434A

■ 25434A

■ 1E424A

■ 2C444A

■ 16404A

■ 34464A

■ 0F3F4A

■ 3B474A

■ 073D4A

■ 43494A

■ 003C4A

■ 4A4A4A

■ 514B4A

■ 594D4A

■ 604E4A

■ 68504A

Harmonies

Analogous

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



264442



25434A



2C414F

Triad

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



25434A



4D3945



423F2D

Complementary

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



25434A



4A2C25

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.



4A3C2E



25434A



51383C

Square

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



25434A



443B4C



503933



384231

Rectangle

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



25434A



343F50



503933



453E2D

Sweetspot

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



25434A



525E61



254A2C



282F30



B0B0B0



303030

Same Dimension

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



25434A



275661



25314A



222626



005366



00BAE6

Inverse Universe

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



4A2543



612756



4A3E25



262226



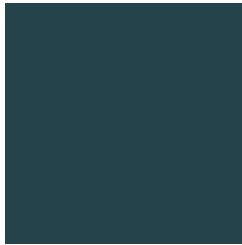
660053



E600BA

Previews

White Background



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

Color Contrast Check

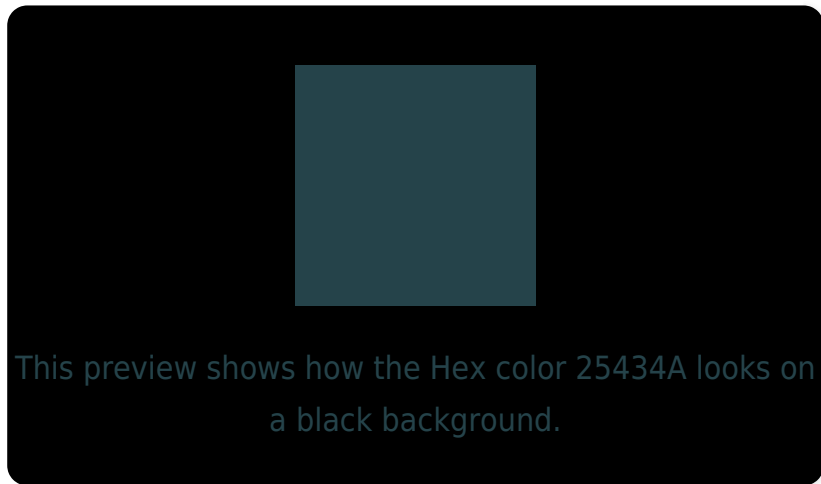
Large Text (above 18pt) WCAG AA ✓ Pass

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

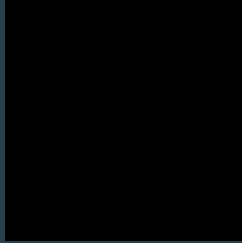
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

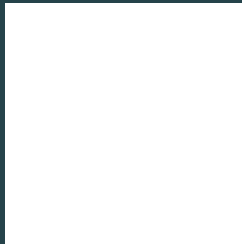
Any Text WCAG AAA × Fail

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

Hex 25434A Background



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



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

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](#).

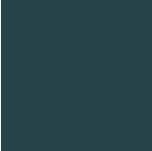
Dichromacy



Original Color
25434A

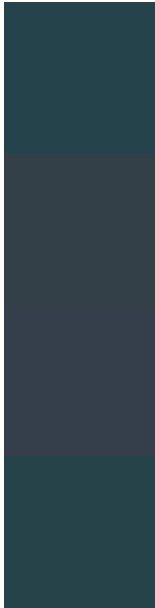
Protanopia
3D3E47

Deuteranopia
3E3D4B



Tritanopia
254349

Trichromacy



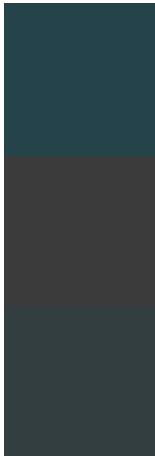
Original Color
25434A

Protanomaly
344048

Deuteranomaly
353F4B

Tritanomaly
254349

Monochromacy



Original Color
25434A

Achromatopsia
3B3B3B

Achromatomaly
333E40

CSS Examples

Text

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

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

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 #25434A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 25434A 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
#25434A }
```

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

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

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

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

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

Background

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

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

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

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

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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