

# Converting Colors

Hex(25414A)

Have a look what the booklet for  
Hex(25414A) contains.

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# Color

Hex(25414A)

# Conversions

## Conversions Part 1

Format	Color
Hex	25414A
RGB	37, 65, 74
RGB Percent	15%, 25%, 29%
CMY	0.8549, 0.7451, 0.7098
CMYK	0.50, 0.12, 0.00, 0.71
HSL	195°, 33%, 22%
HSV	195°, 50%, 29%
XYZ	3.8893, 4.6683, 7.1747
YIQ	57.6540, -19.5770, -3.1370

# Conversions

## Conversions Part 2

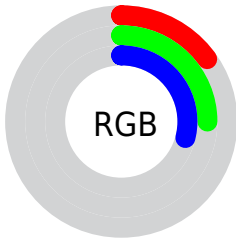
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 53, 74
Decimal	2441546
CIE <sub>Lab</sub>	25.77, -7.74, -8.77
CIE <sub>LCh</sub>	26, 11.693, 228.572
Yxy	4.6683, 0.2472, 0.2967
Android (android.graphics.Color)	4280631626 (0xFF25414A)
YUV	57.6540, 8.0586, -18.1136
Hunter-Lab	21.6063, -5.6798, -4.5636

# Details

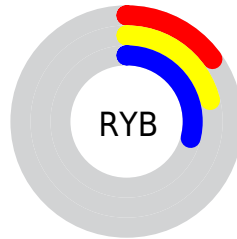
The Hex color **25414A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2E25**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **54717B**, and **00171E** is the 20% darker color. If you saturate the color by 10%, you get **1E3F4A**, and if you desaturate by 10%, it is **2C434A**.

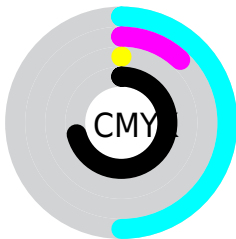
# Distribution



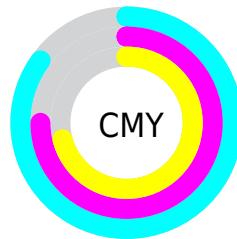
- Red (15%)
- Green (25%)
- Blue (29%)



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



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (75%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25414A 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 25414A by changing the saturation by 10% instead.



■ 25414A

■ 25414A

FFFFFF

■ 0D2B33

■ 54717B

■ 00171E

■ 6D8A94

■ 000004

■ 87A5AF

■ 000000

■ A2C0CA

■ BDDCE7

■ D9F8FF

■ F6FFFF

■ 25414A

■ 25414A

■ 1E3F4A

■ 2C434A

■ 163D4A

■ 34454A

■ 0F3C4A

■ 3B464A

■ 073A4A

■ 43484A

■ 00384A

■ 4A4A4A

■ 514C4A

■ 594E4A

■ 604F4A

■ 68514A

# Harmonies

## Analogous

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



244242



25414A



2E3F4E

# Triad

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



25414A



4D3741



3E3E2C

# Complementary

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



25414A



4A2E25

# 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.



473B2C



25414A



4F3738

# Square

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



25414A



453949



4D3830



344031

# Rectangle

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



25414A



363D4E



4D3830



413D2B



# Sweetspot

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



25414A



525D61



254A2E



282E30



B0B0B0



303030



# Same Dimension

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



25414A



275361



252F4A



222526



004D66



00AEE6



# Inverse Universe

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



4A2541



612753



4A4025



262225



66004D

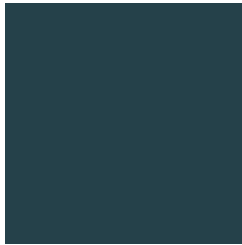


E600AE



# Previews

## White Background



This preview shows how the Hex color 25414A looks on a white background.

## Color Contrast Check

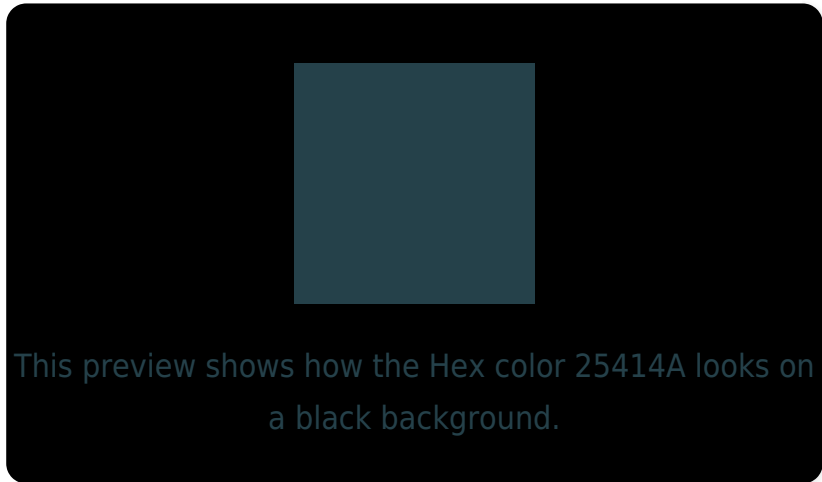
Large Text (above 18pt) WCAG AA ✓ Pass

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

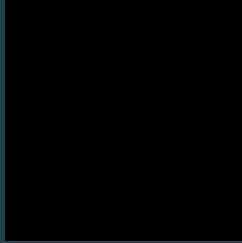
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

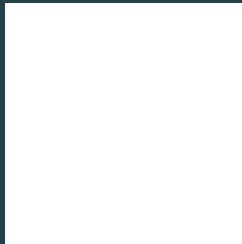
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25414A Background



This preview shows how black text looks on a background with the Hex color 25414A.



This preview shows how white text looks on a background with the Hex color 25414A.

# 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**  
25414A

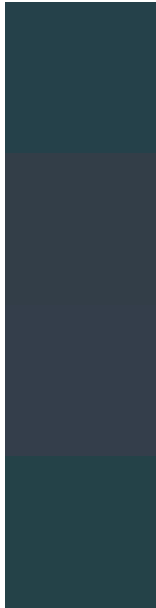
**Protanopia**  
3B3C47

**Deuteranopia**  
3C3C4B



**Tritanopia**  
244247

# Trichromacy



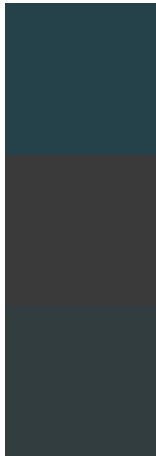
**Original Color**  
25414A

**Protanomaly**  
333E48

**Deuteranomaly**  
343E4B

**Tritanomaly**  
244248

# Monochromacy



**Original Color**  
25414A

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
323D40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25414A 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 #25414A looks like.

```
.text, #text, p{  
    color:#25414A  
}
```

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 #25414A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25414A
}
```

## Border

The CSS property to change the border of an element to Hex 25414A 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
#25414A }
```

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

```
.border{ border-color:#25414A }
```

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

Here you see how a box with a 4 pixel #25414A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25414A; -webkit-box-shadow:4px 4px  
4px 4px #25414A; box-shadow:4px 4px 4px  
4px #25414A }
```

# Background

The CSS property to change the background color of an element to Hex 25414A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25414A }
```

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

```
.background{ background-color:#25414A }
```

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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