

# Converting Colors

Hex(414F5A)

Have a look what the booklet for  
Hex(414F5A) contains.

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# Color

Hex(414F5A)

# Conversions

## Conversions Part 1

Format	Color
Hex	414F5A
RGB	65, 79, 90
RGB Percent	25%, 31%, 35%
CMY	0.7451, 0.6902, 0.6471
CMYK	0.28, 0.12, 0.00, 0.65
HSL	206°, 16%, 30%
HSV	206°, 28%, 35%
XYZ	6.8214, 7.4540, 10.7521
YIQ	76.0680, -11.8750, 0.4530

# Conversions

## Conversions Part 2

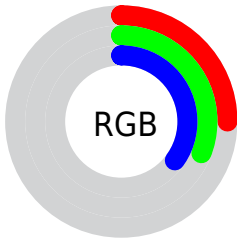
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 74, 90
Decimal	4280154
CIELab	32.82, -2.64, -8.27
CIElCh	33, 8.684, 252.299
Yxy	7.4540, 0.2726, 0.2978
Android (android.graphics.Color)	4282470234 (0xFF414F5A)
YUV	76.0680, 6.8685, -9.7066
Hunter-Lab	27.3020, -3.1800, -4.2383

# Details

The Hex color **414F5A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A4C41**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **71808C**, and **15232C** is the 20% darker color. If you saturate the color by 10%, you get **384B5A**, and if you desaturate by 10%, it is **4A535A**.

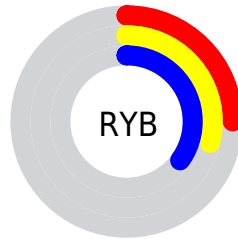
# Distribution



Red (25%)

Green (31%)

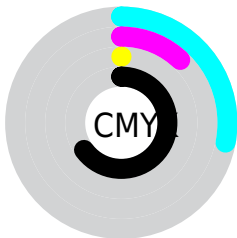
Blue (35%)



Red (25%)

Yellow (29%)

Blue (35%)

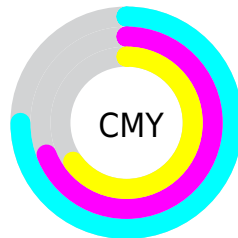


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (69%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 414F5A 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 414F5A by changing the saturation by 10% instead.





414F5A



414F5A

FFFFFF



2A3843



71808C



15232C



8B9AA6



000D18



A6B5C2



000000



C1D0DD



DDEDFA



F9FFFF



414F5A



414F5A



384B5A



4A535A

■ 2F475A

■ 53575A

■ 26435A

■ 5C5B5A

■ 1D3F5A

■ 655F5A

■ 143B5A

■ 6E635A

■ 0B375A

■ 77675A

■ 02335A

■ 806B5A

■ 00325A

■ 896F5A

■ 92735A

# Harmonies

## Analogous

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



3C5156



414F5A



494D5A

# Triad

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



414F5A



5C484B



485043

# Complementary

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



414F5A



5A4C41

# 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.



504E40



414F5A



5B4944

# Square

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



414F5A



594952



564B40



415149

# Rectangle

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



414F5A



4F4B59



564B40



4A4F42



# Sweetspot

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



414F5A



6C7175



415A4C



35383B



BABABA



3B3B3B



# Same Dimension

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



414F5A



4F6475



41435A



292C2E



003D6E



0085ED



# Inverse Universe

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



5A414F



754F64



5A5841



2E292C



6E003D

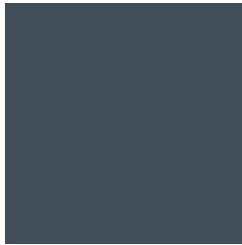


ED0085



# Previews

## White Background



This preview shows how the Hex color 414F5A 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

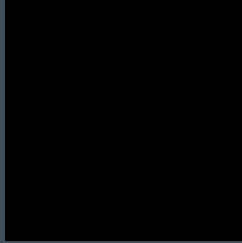
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

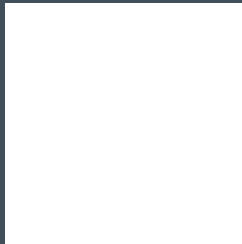
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 414F5A Background



This preview shows how black text looks on a background with the Hex color 414F5A.



This preview shows how white text looks on a background with the Hex color 414F5A.

# 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**  
414F5A

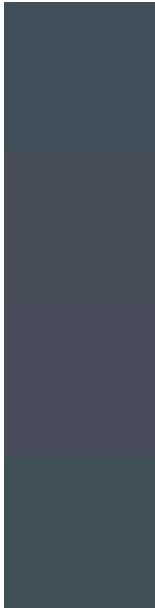
**Protanopia**  
4B4C58

**Deuteranopia**  
4E4B5B



**Tritanopia**  
405056

# Trichromacy



**Original Color**

414F5A

**Protanomaly**

474D59

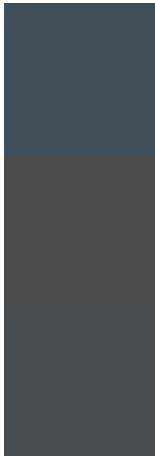
**Deuteranomaly**

494C5B

**Tritanomaly**

405057

# Monochromacy



**Original Color**

414F5A

**Achromatopsia**

4C4C4C

**Achromatomaly**

484D51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 414F5A 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 #414F5A looks like.

```
.text, #text, p{  
    color:#414F5A  
}
```

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 #414F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414F5A
}
```

## Border

The CSS property to change the border of an element to Hex 414F5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

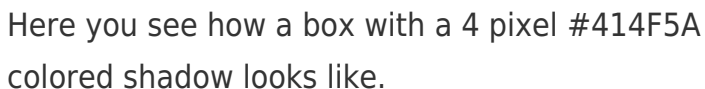
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414F5A }
```

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

```
.border{ border-color:#414F5A }
```

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



Here you see how a box with a 4 pixel #414F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414F5A; -webkit-box-shadow:4px 4px  
4px 4px #414F5A; box-shadow:4px 4px 4px  
4px #414F5A }
```

# Background

The CSS property to change the background color of an element to Hex 414F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414F5A }
```

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

```
.background{ background-color:#414F5A }
```

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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