

Converting Colors

Hex(414B6A)

Have a look what the booklet for
Hex(414B6A) contains.

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Color

Hex(414B6A)

Conversions

Conversions Part 1

Format	Color
Hex	414B6A
RGB	65, 75, 106
RGB Percent	25%, 29%, 42%
CMY	0.7451, 0.7059, 0.5843
CMYK	0.39, 0.29, 0.00, 0.58
HSL	225°, 24%, 34%
HSV	225°, 39%, 42%
XYZ	7.2976, 7.1966, 14.6401
YIQ	75.5440, -15.9110, 7.5210

Conversions

Conversions Part 2

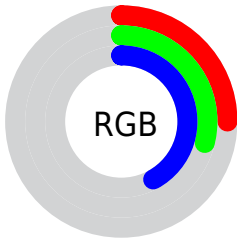
Format	Color
RYB	65, 73, 106
Decimal	4279146
CIELab	32.25, 4.54, -19.27
CIElCh	32, 19.798, 283.247
Yxy	7.1966, 0.2505, 0.2470
Android (android.graphics.Color)	4282469226 (0xFF414B6A)
YUV	75.5440, 15.0148, -9.2471
Hunter-Lab	26.8264, 1.6109, -13.5781

Details

The Hex color **414B6A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6A6041**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **727C9D**, and **121F3B** is the 20% darker color. If you saturate the color by 10%, you get **36436A**, and if you desaturate by 10%, it is **4C536A**.

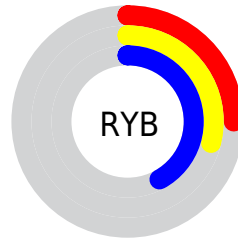
Distribution



 Red (25%)

 Green (29%)

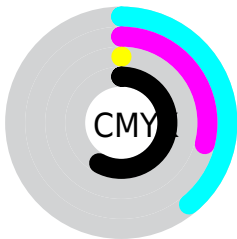
 Blue (42%)



 Red (25%)

 Yellow (29%)

 Blue (42%)

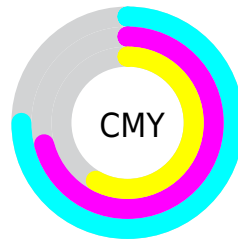



 Cyan (39%)

 Magenta (29%)

 Yellow (0%)

 Black (58%)



 Cyan (75%)

 Magenta (71%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414B6A 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 414B6A by changing the saturation by 10% instead.

■ 414B6A

■ 414B6A

FFFFFF

■ 2A3452

■ 727C9D

■ 121F3B

■ 8C95B8

■ 000725

■ A7B0D4

■ 00010E

■ C2CBF0

■ 000000

■ DFE8FF

■ FBFFFF

■ 414B6A

■ 414B6A

■ 36436A

■ 4C536A

■ 2C3B6A

■ 565B6A

■ 21336A

■ 61636A

■ 172B6A

■ 6B6B6A

■ 0C236A

■ 76736A

■ 011B6A

■ 817B6A

■ 001A6A

■ 8B836A

■ 968B6A

■ A0936A

Harmonies

Analogous

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



285069



414B6A



574563

Triad

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



414B6A



684337



2B5442

Complementary

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



414B6A



6A6041

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.



3E5135



414B6A



5E482E

Square

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



414B6A



6A4045



4F4D2D



185452

Rectangle

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



414B6A



61425A



4F4D2D



32533D

Sweetspot

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



414B6A



797D8A



416A60



3B3E45



C4C4C4



454545

Same Dimension

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



414B6A



4A5A8A



4B416A



303236



001D75



003CF5

Inverse Universe

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



6A414B



8A4A5A



606A41



363032



75001D



F5003C

Previews

White Background



This preview shows how the Hex color 414B6A looks on a white background.

Color Contrast Check

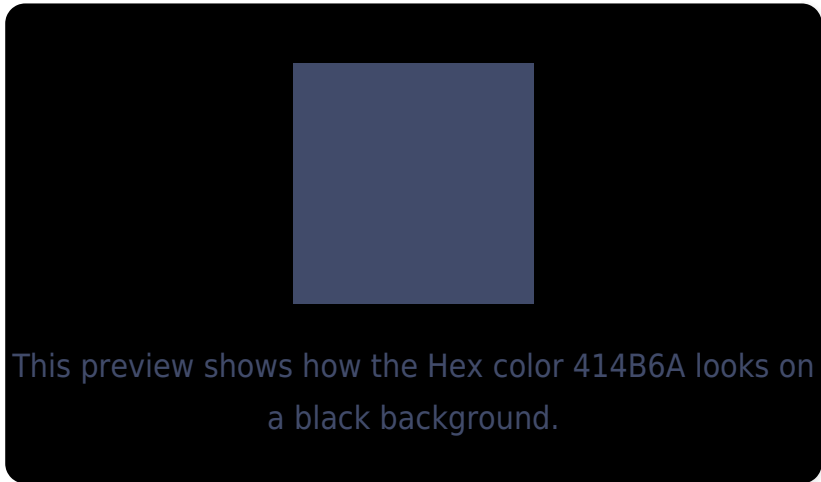
Large Text (above 18pt) WCAG AA ✓ Pass

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

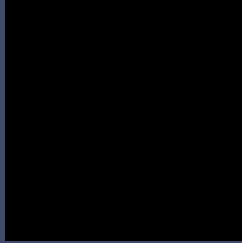
Any Text WCAG AA × Fail

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 414B6A Background



This preview shows how black text looks on a background with the Hex color 414B6A.

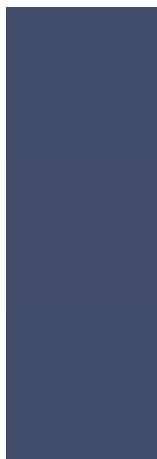


This preview shows how white text looks on a background with the Hex color 414B6A.

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

414B6A

Protanopia

424B6A

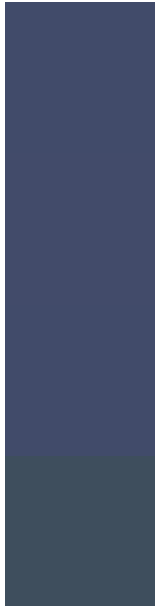
Deuteranopia

414B6A



Tritanopia
3C4F55

Trichromacy



Original Color

414B6A

Protanomaly

424B6A

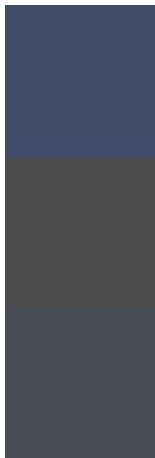
Deuteranomaly

414B6A

Tritanomaly

3E4E5D

Monochromacy



Original Color

414B6A

Achromatopsia

4C4C4C

Achromatomaly

484C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 414B6A 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 #414B6A looks like.

```
.text, #text, p{  
    color:#414B6A  
}
```

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 #414B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414B6A
}
```

Border

The CSS property to change the border of an element to Hex 414B6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

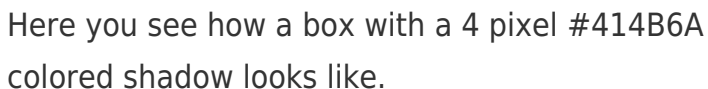
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414B6A }
```

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

```
.border{ border-color:#414B6A }
```

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



Here you see how a box with a 4 pixel #414B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414B6A; -webkit-box-shadow:4px 4px  
4px 4px #414B6A; box-shadow:4px 4px 4px  
4px #414B6A }
```

Background

The CSS property to change the background color of an element to Hex 414B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414B6A }
```

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

```
.background{ background-color:#414B6A }
```

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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