

Converting Colors

Hex(414657)

Have a look what the booklet for
Hex(414657) contains.

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Color

Hex(414657)

Conversions

Conversions Part 1

Format	Color
Hex	414657
RGB	65, 70, 87
RGB Percent	25%, 27%, 34%
CMY	0.7451, 0.7255, 0.6588
CMYK	0.25, 0.20, 0.00, 0.66
HSL	226°, 14%, 30%
HSV	226°, 25%, 34%
XYZ	6.0904, 6.1923, 9.8910
YIQ	70.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

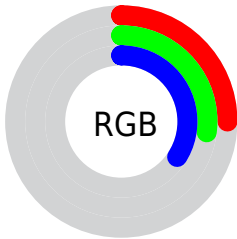
Format	Color
RYB	65, 69, 87
Decimal	4277847
CIELab	29.89, 2.27, -10.78
CIELCh	30, 11.018, 281.885
Yxy	6.1923, 0.2747, 0.2793
Android (android.graphics.Color)	4282467927 (0xFF414657)
YUV	70.4430, 8.1626, -4.7735
Hunter-Lab	24.8842, 0.1405, -6.1478

Details

The Hex color **414657** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **575241**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **717689**, and **151B2A** is the 20% darker color. If you saturate the color by 10%, you get **383F57**, and if you desaturate by 10%, it is **4A4D57**.

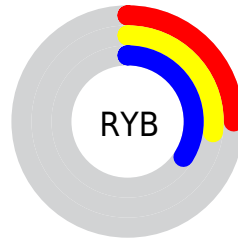
Distribution



Red (25%)

Green (27%)

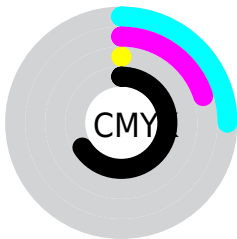
Blue (34%)



Red (25%)

Yellow (27%)

Blue (34%)

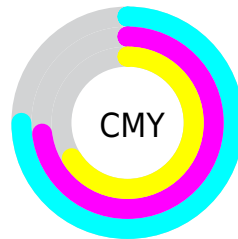


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (66%)



Cyan (75%)

Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414657 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 414657 by changing the saturation by 10% instead.

■ 414657

■ 414657

FFFFFF

■ 2B3040

■ 717689

■ 151B2A

■ 8B90A3

■ 000016

■ A5AABE

■ 000000

■ C0C6DA

■ DCE1F6

■ F9FEFF

■ 414657

■ 414657

■ 383F57

■ 4A4D57

■ 303957

■ 525357

■ 273257

■ 5B5A57

■ 1E2B57

■ 646157

■ 152457

■ 6D6857

■ 0D1E57

■ 756E57

■ 041757

■ 7E7557

■ 001457

■ 877C57

■ 8F8357

Harmonies

Analogous

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



364956



414657



4C4353

Triad

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



414657



57423B



364B41

Complementary

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



414657



575241

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.



40493A



414657



524436

Square

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



414657



584043



494736



304B4A

Rectangle

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



414657



52424F



494736



394A3E

Sweetspot

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



414657



676970



415752



323438



B8B8B8



383838

Same Dimension

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



414657



4F5670



474157



27282B



00186B



0035EB

Inverse Universe

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



574146



704F56



515741



2B2728



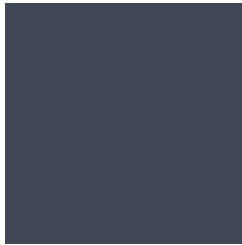
6B0018



EB0035

Previews

White Background



This preview shows how the Hex color 414657 looks on a white background.

Color Contrast Check

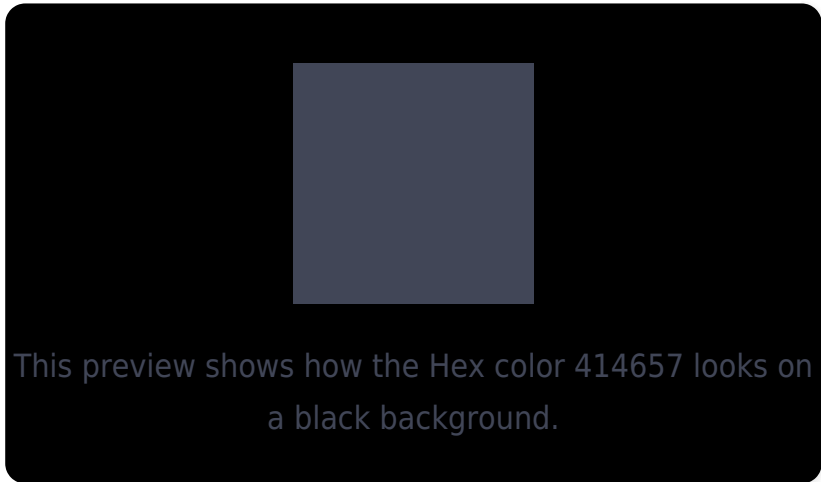
Large Text (above 18pt) WCAG AA ✓ Pass

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

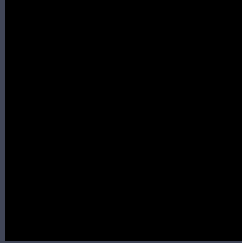
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

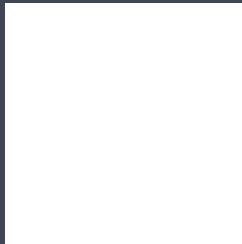
Any Text WCAG AAA × Fail

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

Hex 414657 Background



This preview shows how black text looks on a background with the Hex color 414657.

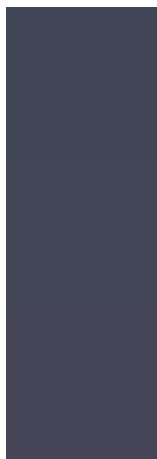


This preview shows how white text looks on a background with the Hex color 414657.

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

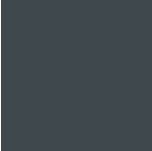
414657

Protanopia

424657

Deuteranopia

454557



Tritanopia
3F484D

Trichromacy



Original Color

414657

Protanomaly

424657

Deuteranomaly

444557

Tritanomaly

404751

Monochromacy



Original Color

414657

Achromatopsia

464646

Achromatomaly

44464C

CSS Examples

Text

The CSS property to change the color of the text to Hex 414657 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 #414657 looks like.

```
.text, #text, p{  
    color:#414657  
}
```

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 #414657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414657  
}
```

Border

The CSS property to change the border of an element to Hex 414657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

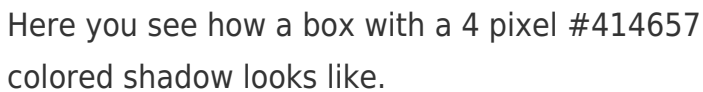
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#414657 }
```

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

```
.border{ border-color:#414657 }
```

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



Here you see how a box with a 4 pixel #414657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414657; -webkit-box-shadow:4px 4px  
4px 4px #414657; box-shadow:4px 4px 4px  
4px #414657 }
```

Background

The CSS property to change the background color of an element to Hex 414657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414657 }
```

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

```
.background{ background-color:#414657 }
```

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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