

Converting Colors

Hex(414D71)

Have a look what the booklet for
Hex(414D71) contains.

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Color

Hex(414D71)

Conversions

Conversions Part 1

Format	Color
Hex	414D71
RGB	65, 77, 113
RGB Percent	25%, 30%, 44%
CMY	0.7451, 0.6980, 0.5569
CMYK	0.42, 0.32, 0.00, 0.56
HSL	225°, 27%, 35%
HSV	225°, 42%, 44%
XYZ	7.8145, 7.6238, 16.6825
YIQ	77.5160, -18.7080, 8.6520

Conversions

Conversions Part 2

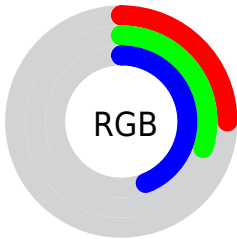
Format	Color
R _Y B	65, 75, 113
Decimal	4279665
CIE Lab	33.19, 5.40, -22.21
CIE LCh	33, 22.862, 283.671
Yxy	7.6238, 0.2433, 0.2373
Android (android.graphics.Color)	4282469745 (0xFF414D71)
YUV	77.5160, 17.4936, -10.9765
Hunter-Lab	27.6113, 2.1990, -16.4945

Details

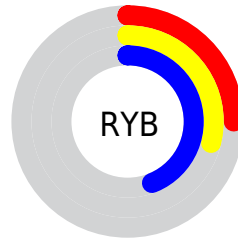
The Hex color **414D71** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **716541**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **737EA5**, and **102141** is the 20% darker color. If you saturate the color by 10%, you get **364571**, and if you desaturate by 10%, it is **4C5571**.

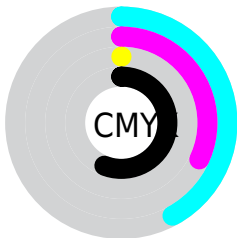
Distribution



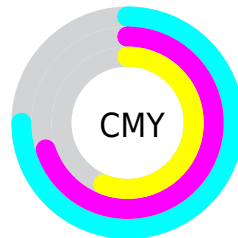
- Red (25%)
- Green (30%)
- Blue (44%)



- Red (25%)
- Yellow (29%)
- Blue (44%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414D71 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 414D71 by changing the saturation by 10% instead.

■ 414D71

■ 414D71

FFFFFF

■ 293658

■ 737EA5

■ 102141

■ 8D98C0

■ 000A2B

■ A8B2DC

■ 000115

■ C4CEF9

■ 000000

■ E0EAF9

FDFEFF

■ 414D71

■ 414D71

■ 364571

■ 4C5571

■ 2A3C71

■ 585E71

■ 1F3471

■ 636671

■ 142B71

■ 6E6F71

■ 092371

■ 7A7771

■ 001C71

■ 858071

■ 908871

■ 9B9171

■ A79971

Harmonies

Analogous

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



205370



414D71



5B4668

Triad

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



414D71



6E4336



265743

Complementary

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



414D71



716541

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.



3D5433



414D71



624A2B

Square

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



414D71



714046



52502A



055856

Rectangle

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



414D71



67425E



52502A



2E563D

Sweetspot

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



414D71



818594



417165



3E414A



C9C9C9



4A4A4A

Same Dimension

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



414D71



485B94



4D4171



323438



001E78



003EF7

Inverse Universe

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



71414D



94485B



657141



383234



78001E



F7003E

Previews

White Background



This preview shows how the Hex color 414D71 looks on a white background.

Color Contrast Check

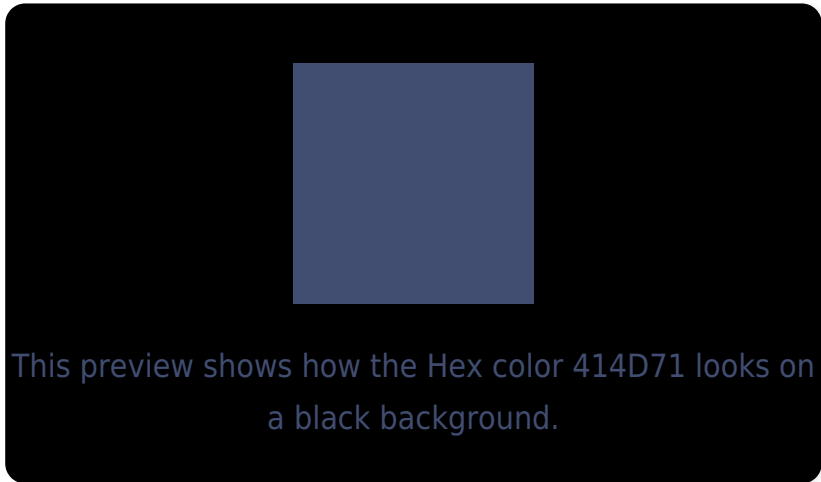
Large Text (above 18pt) WCAG AA ✓ Pass

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

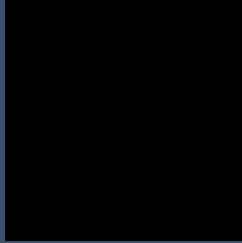
Any Text WCAG AA × Fail

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 414D71 Background



This preview shows how black text looks on a background with the Hex color 414D71.

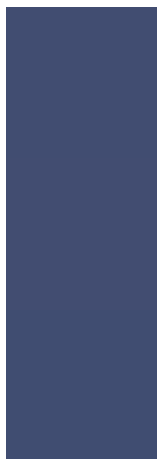


This preview shows how white text looks on a background with the Hex color 414D71.

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

414D71

Protanopia

424D71

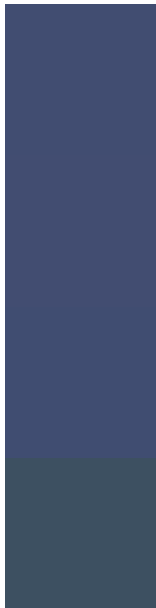
Deuteranopia

404D71



Tritanopia
3A5258

Trichromacy



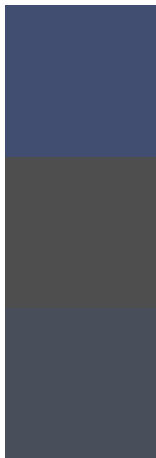
Original Color
414D71

Protanomaly
424D71

Deuteranomaly
404D71

Tritanomaly
3D5061

Monochromacy



Original Color
414D71

Achromatopsia
4E4E4E

Achromatomaly
494E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 414D71 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 #414D71 looks like.

```
.text, #text, p{  
    color:#414D71  
}
```

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 #414D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414D71
}
```

Border

The CSS property to change the border of an element to Hex 414D71 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
#414D71 }
```

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

```
.border{ border-color:#414D71 }
```

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

Here you see how a box with a 4 pixel #414D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414D71; -webkit-box-shadow:4px 4px  
4px 4px #414D71; box-shadow:4px 4px 4px  
4px #414D71 }
```

Background

The CSS property to change the background color of an element to Hex 414D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414D71 }
```

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

```
.background{ background-color:#414D71 }
```

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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