

Converting Colors

Hex(414B45)

Have a look what the booklet for
Hex(414B45) contains.

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Color

Hex(414B45)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 414B45 |
| RGB | 65, 75, 69 |
| RGB Percent | 25%, 29%, 27% |
| CMY | 0.7451, 0.7059, 0.7294 |
| CMYK | 0.13, 0.00, 0.08, 0.71 |
| HSL | 144°, 7%, 27% |
| HSV | 144°, 13%, 29% |
| XYZ | 5.7702, 6.5856, 6.5973 |
| YIQ | 71.3260, -4.0340, -3.9860 |

Conversions

Conversions Part 2

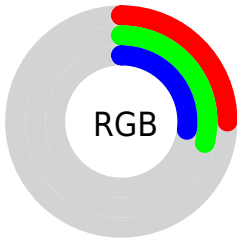
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 65, 72, 75 |
| Decimal | 4279109 |
| CIELab | 30.84, -5.40, 2.21 |
| CIELCh | 31, 5.839, 157.731 |
| Yxy | 6.5856, 0.3044, 0.3475 |
| Android (android.graphics.Color) | 4282469189 (0xFF414B45) |
| YUV | 71.3260, -1.1467, -5.5479 |
| Hunter-Lab | 25.6625, -4.7736, 2.7216 |

Details

The Hex color **414B45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B4147**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **717C75**, and **161F1A** is the 20% darker color. If you saturate the color by 10%, you get **3A4B41**, and if you desaturate by 10%, it is **494B4A**.

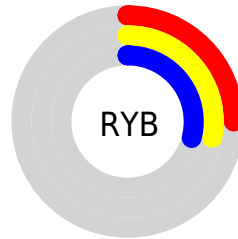
Distribution



 Red (25%)

 Green (29%)

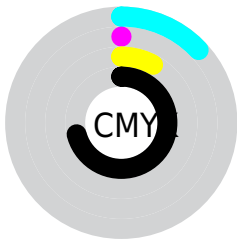
 Blue (27%)




 Red (25%)

 Yellow (28%)

 Blue (29%)

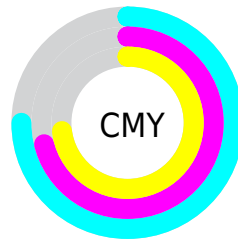


 Cyan (13%)


 Magenta (0%)

 Yellow (8%)

 Black (71%)



 Cyan (75%)

 Magenta (71%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 414B45 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 414B45 by changing the saturation by 10% instead.

■ 414B45

■ 414B45

FFFFFF

■ 2B342F

■ 717C75

■ 161F1A

■ 8A968F

■ 000600

■ A5B0A9

■ 000000

■ C0CCC4

■ DCE8E0

■ F8FFFD

■ 414B45

■ 414B45

■ 3A4B41

■ 494B4A

■ 324B3C

■ 504B4E

■ 2B4B38

■ 574B52

■ 234B33

■ 5F4B57

■ 1B4B2F

■ 674B5B

■ 144B2A

■ 6E4B60

■ 0C4B26

■ 764B65

■ 054B21

■ 7D4B69

■ 004B1E

■ 854B6D

Harmonies

Analogous

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



464A41



414B45



3E4B4A

Triad

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



414B45



454952



524643

Complementary

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



414B45



4B4147

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.



524648



414B45



4B4750

Square

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



414B45



404A51



50464C



504740

Rectangle

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



414B45



3D4B4D



50464C



524645

Sweetspot

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



414B45



5D615F



474B41



2E302F



B0B0B0



303030

Same Dimension

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



414B45



516158



414B4A



222624



006629



00E65C

Inverse Universe

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



4B4147



61515B



4B4142



262225



66003D



E6008A

Previews

White Background



This preview shows how the Hex color 414B45 looks on a white background.

Color Contrast Check

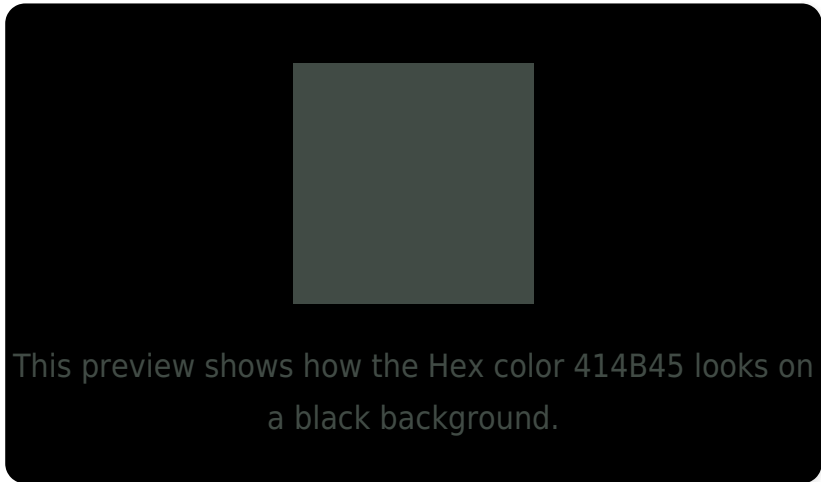
Large Text (above 18pt) WCAG AA ✓ Pass

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

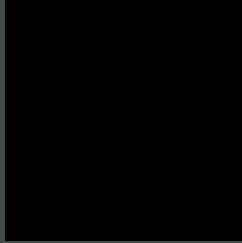
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

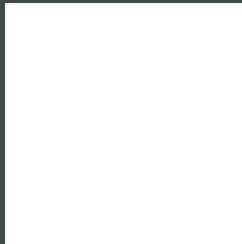
Any Text WCAG AAA × Fail

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

Hex 414B45 Background



This preview shows how black text looks on a background with the Hex color 414B45.



This preview shows how white text looks on a background with the Hex color 414B45.

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
414B45

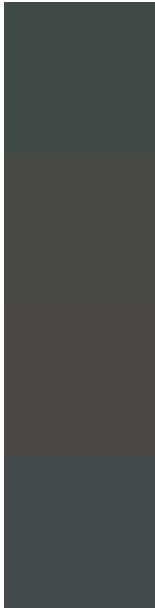
Protanopia
4B4843

Deuteranopia
504646



Tritanopia
43494F

Trichromacy



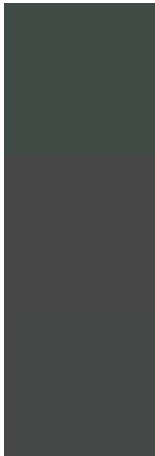
Original Color
414B45

Protanomaly
474944

Deuteranomaly
4B4846

Tritanomaly
424A4B

Monochromacy



Original Color
414B45

Achromatopsia
474747

Achromatomaly
454846

CSS Examples

Text

The CSS property to change the color of the text to Hex 414B45 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 #414B45 looks like.

```
.text, #text, p{  
    color:#414B45  
}
```

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 #414B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414B45  
}
```

Border

The CSS property to change the border of an element to Hex 414B45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

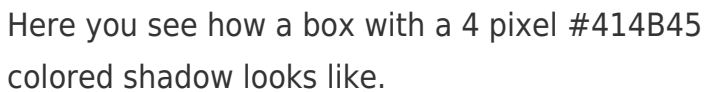
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#414B45 }
```

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

```
.border{ border-color:#414B45 }
```

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



Here you see how a box with a 4 pixel #414B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414B45; -webkit-box-shadow:4px 4px  
4px 4px #414B45; box-shadow:4px 4px 4px  
4px #414B45 }
```

Background

The CSS property to change the background color of an element to Hex 414B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414B45 }
```

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

```
.background{ background-color:#414B45 }
```

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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