

Converting Colors

Hex(41464B)

Have a look what the booklet for
Hex(41464B) contains.

Hex(41464B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(41464B)

Conversions

Conversions Part 1

Format	Color
Hex	41464B
RGB	65, 70, 75
RGB Percent	25%, 27%, 29%
CMY	0.7451, 0.7255, 0.7059
CMYK	0.13, 0.07, 0.00, 0.71
HSL	210°, 7%, 27%
HSV	210°, 13%, 29%
XYZ	5.6401, 6.0121, 7.5198
YIQ	69.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

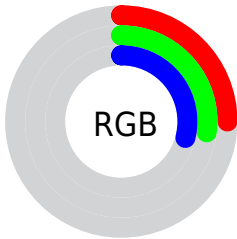
Format	Color
RYB	65, 68, 75
Decimal	4277835
CIELab	29.44, -0.85, -3.71
CIELCh	29, 3.803, 257.057
Yxy	6.0121, 0.2942, 0.3136
Android (android.graphics.Color)	4282467915 (0xFF41464B)
YUV	69.0750, 2.9210, -3.5738
Hunter-Lab	24.5197, -1.8499, -1.0196

Details

The Hex color **41464B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B4641**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **71767C**, and **161B1F** is the 20% darker color. If you saturate the color by 10%, you get **3A424B**, and if you desaturate by 10%, it is **494A4B**.

Distribution



Red (25%)

Green (27%)

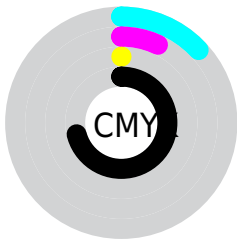
Blue (29%)



Red (25%)

Yellow (27%)

Blue (29%)

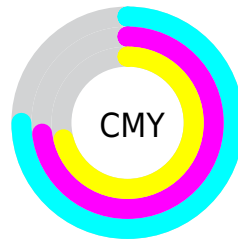


Cyan (13%)

Magenta (7%)

Yellow (0%)

Black (71%)



Cyan (75%)

Magenta (73%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41464B 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 41464B by changing the saturation by 10% instead.



41464B



41464B

FFFFFF



2B3034



71767C



161B1F



8A9096



000007



A5AAB0



000000



C0C6CC



DCE2E8



F8FEFF



41464B



41464B



3A424B



494A4B

■ 323F4B

■ 504E4B

■ 2B3B4B

■ 57514B

■ 23374B

■ 5F554B

■ 1B334B

■ 67594B

■ 14304B

■ 6E5C4B

■ 0C2C4B

■ 76604B

■ 05284B

■ 7D644B

■ 00264B

■ 85684B

Harmonies

Analogous

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



3F474A



41464B



44454B

Triad

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



41464B



4C4344



434741

Complementary

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



41464B



4B4641

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.



464640



41464B



4B4441

Square

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



41464B



4B4447



494540



404744

Rectangle

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



41464B



47444A



494540



444641

Sweetspot

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



41464B



5D5F61



414B46



2E2F30



B0B0B0



303030

Same Dimension

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



41464B



515961



41414B



222426



003366



0073E6

Inverse Universe

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



4B4146



615159



4B4B41



262224



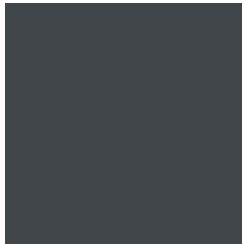
660033



E60073

Previews

White Background



This preview shows how the Hex color 41464B looks on a white background.

Color Contrast Check

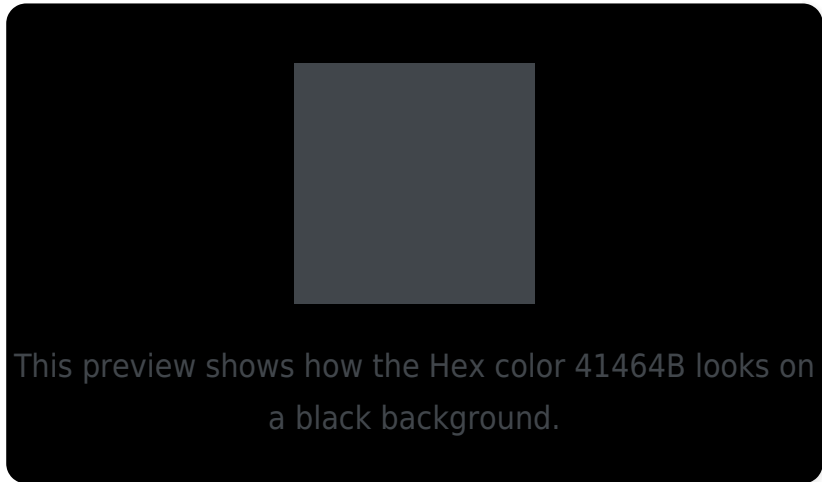
Large Text (above 18pt) WCAG AA ✓ Pass

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

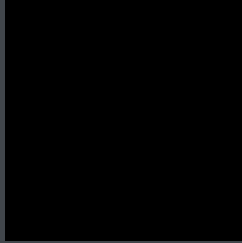
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

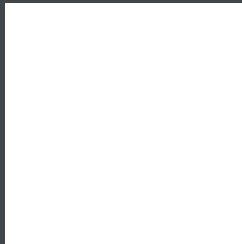
Any Text WCAG AAA × Fail

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

Hex 41464B Background



This preview shows how black text looks on a background with the Hex color 41464B.

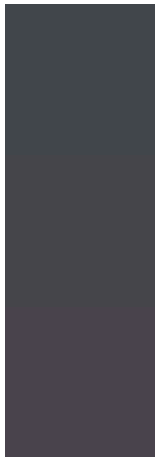


This preview shows how white text looks on a background with the Hex color 41464B.

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
41464B

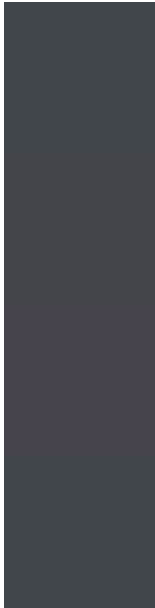
Protanopia
45454A

Deuteranopia
49434C



Tritanopia
41464B

Trichromacy



Original Color

41464B

Protanomaly

44454A

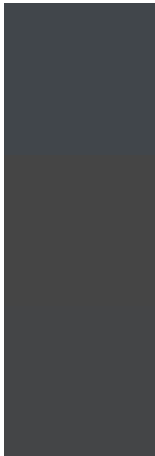
Deuteranomaly

46444C

Tritanomaly

41464B

Monochromacy



Original Color

41464B

Achromatopsia

454545

Achromatomaly

444547

CSS Examples

Text

The CSS property to change the color of the text to Hex 41464B 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 #41464B looks like.

```
.text, #text, p{  
    color:#41464B  
}
```

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 #41464B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41464B  
}
```

Border

The CSS property to change the border of an element to Hex 41464B is called "border". The border property can be set on classes, ids or directly on the HTML element.

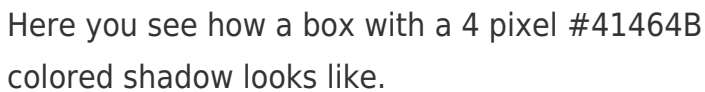
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#41464B }
```

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

```
.border{ border-color:#41464B }
```

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



Here you see how a box with a 4 pixel #41464B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41464B; -webkit-box-shadow:4px 4px  
4px 4px #41464B; box-shadow:4px 4px 4px  
4px #41464B }
```

Background

The CSS property to change the background color of an element to Hex 41464B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41464B }
```

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

```
.background{ background-color:#41464B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor