

# Converting Colors

Hex(41505B)

Have a look what the booklet for  
Hex(41505B) contains.

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# Color

**Hex(41505B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41505B
RGB	65, 80, 91
RGB Percent	25%, 31%, 36%
CMY	0.7451, 0.6863, 0.6431
CMYK	0.29, 0.12, 0.00, 0.64
HSL	205°, 17%, 31%
HSV	205°, 29%, 36%
XYZ	6.9370, 7.6165, 11.0020
YIQ	76.7690, -12.4710, 0.2410

# Conversions

## Conversions Part 2

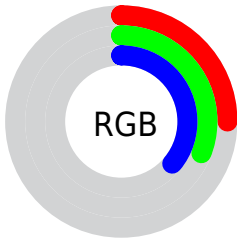
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 75, 91
Decimal	4280411
CIELab	33.17, -2.99, -8.38
CIELCh	33, 8.895, 250.344
Yxy	7.6165, 0.2714, 0.2980
Android (android.graphics.Color)	4282470491 (0xFF41505B)
YUV	76.7690, 7.0159, -10.3214
Hunter-Lab	27.5980, -3.4290, -4.3176

# Details

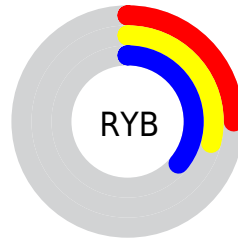
The Hex color **41505B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B4C41**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **71818D**, and **15242D** is the 20% darker color. If you saturate the color by 10%, you get **384C5B**, and if you desaturate by 10%, it is **4A545B**.

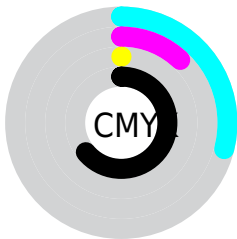
# Distribution



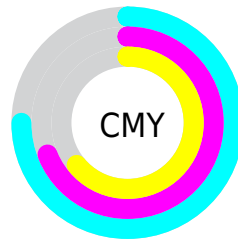
- Red (25%)
- Green (31%)
- Blue (36%)



- Red (25%)
- Yellow (29%)
- Blue (36%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (64%)



- Cyan (75%)
- Magenta (69%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41505B 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 41505B by changing the saturation by 10% instead.





41505B



41505B

FFFFFF



2A3944



71818D



15242D



8B9BA8



000E19



A6B6C3



000000



C1D2DF



DDEEFB



F9FFFF



41505B



41505B



384C5B



4A545B

■ 2F485B

■ 53585B

■ 26445B

■ 5C5C5B

■ 1D415B

■ 655F5B

■ 133D5B

■ 6E635B

■ 0A395B

■ 78675B

■ 01355B

■ 816B5B

■ 00345B

■ 8A6F5B

■ 93735B

# Harmonies

## Analogous

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



3C5257



41505B



494E5C

# Triad

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



41505B



5D494C



495043

# Complementary

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



41505B



5B4C41

# 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.



514E40



41505B



5C4A45

# Square

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



41505B



594A53



584C41



415249

# Rectangle

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



41505B



4F4C5A



584C41



4C5042



# Sweetspot

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



41505B



6B7175



415B4C



34383B



BABABA



3B3B3B



# Same Dimension

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



41505B



4D6475



41435B



292C2E



003F6E



0089ED



# Inverse Universe

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



5B4150



754D64



5B5941



2E292C



6E003F



ED0089



# Previews

## White Background



This preview shows how the Hex color 41505B looks on a white background.

## Color Contrast Check

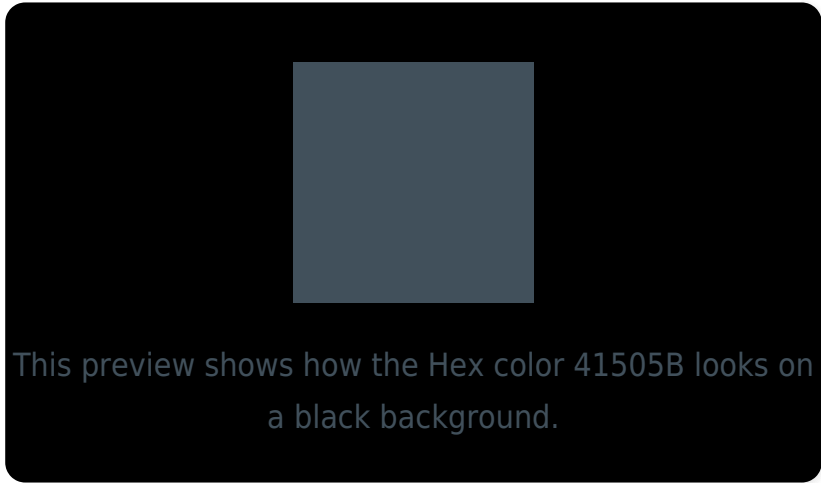
Large Text (above 18pt) WCAG AA ✓ Pass

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

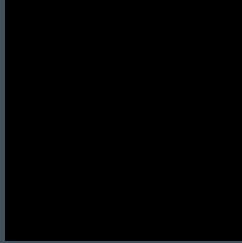
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

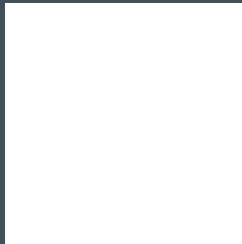
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 41505B Background



This preview shows how black text looks on a background with the Hex color 41505B.

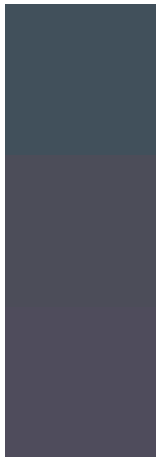


This preview shows how white text looks on a background with the Hex color 41505B.

# 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**  
41505B

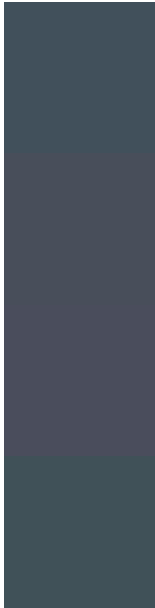
**Protanopia**  
4C4D59

**Deuteranopia**  
4F4C5C



**Tritanopia**  
405157

# Trichromacy



**Original Color**  
41505B

**Protanomaly**  
484E5A

**Deuteranomaly**  
4A4D5C

**Tritanomaly**  
405158

# Monochromacy



**Original Color**  
41505B

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
494E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41505B 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 #41505B looks like.

```
.text, #text, p{  
    color:#41505B  
}
```

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 #41505B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41505B
}
```

## Border

The CSS property to change the border of an element to Hex 41505B is called "border". The border property can be set on classes, ids or directly on the HTML element.

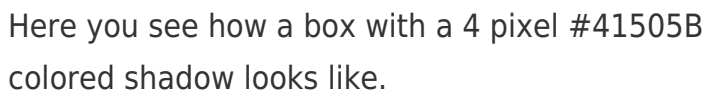
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41505B }
```

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

```
.border{ border-color:#41505B }
```

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



Here you see how a box with a 4 pixel #41505B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41505B; -webkit-box-shadow:4px 4px  
4px 4px #41505B; box-shadow:4px 4px 4px  
4px #41505B }
```

# Background

The CSS property to change the background color of an element to Hex 41505B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41505B }
```

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

```
.background{ background-color:#41505B }
```

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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