

Converting Colors

Hex(41546A)

Have a look what the booklet for
Hex(41546A) contains.

Hex(41546A)	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(41546A)

Conversions

Conversions Part 1

Format	Color
Hex	41546A
RGB	65, 84, 106
RGB Percent	25%, 33%, 42%
CMY	0.7451, 0.6706, 0.5843
CMYK	0.39, 0.21, 0.00, 0.58
HSL	212°, 24%, 34%
HSV	212°, 39%, 42%
XYZ	7.9518, 8.5051, 14.8582
YIQ	80.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

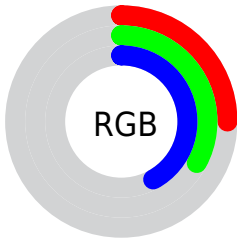
Format	Color
RYB	65, 78, 106
Decimal	4281450
CIELab	35.01, -1.20, -15.01
CIElCh	35, 15.061, 265.417
Yxy	8.5051, 0.2539, 0.2716
Android (android.graphics.Color)	4282471530 (0xFF41546A)
YUV	80.8270, 12.4103, -13.8803
Hunter-Lab	29.1635, -2.3656, -9.7927

Details

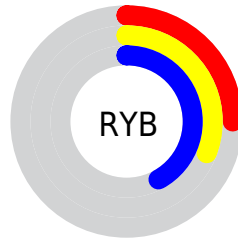
The Hex color **41546A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A5741**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **72859D**, and **12273B** is the 20% darker color. If you saturate the color by 10%, you get **364E6A**, and if you desaturate by 10%, it is **4C5A6A**.

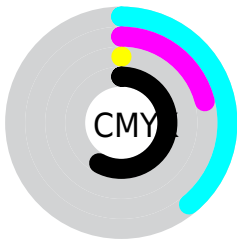
Distribution



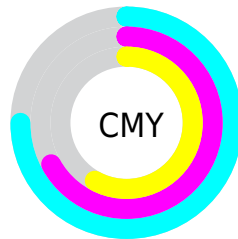
- Red (25%)
- Green (33%)
- Blue (42%)



- Red (25%)
- Yellow (31%)
- Blue (42%)



- Cyan (39%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41546A 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 41546A by changing the saturation by 10% instead.

■ 41546A

■ 41546A

FFFFFF

■ 2A3D52

■ 72859D

■ 12273B

■ 8CA0B8

■ 001325

■ A7BBD4

■ 00010F

■ C2D6F0

■ 000000

■ DFF3FF

■ FBFFFF

■ 41546A

■ 41546A

■ 364E6A

■ 4C5A6A

■ 2C496A

■ 565F6A

■ 21436A

■ 61656A

■ 173D6A

■ 6B6B6A

■ 0C386A

■ 76706A

■ 01326A

■ 81766A

■ 00316A

■ 8B7C6A

■ 96826A

■ A0876A

Harmonies

Analogous

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



335766



41546A



525068

Triad

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



41546A



6B4A49



435844

Complementary

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



41546A



6A5741

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.



50553C



41546A



664D3F

Square

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



41546A



694A55



5D513B



365950

Rectangle

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



41546A



5C4D63



5D513B



475741

Sweetspot

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



41546A



79818A



416A57



3B4045



C4C4C4



454545

Same Dimension

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



41546A



4A688A



42416A



303336



003675



0071F5

Inverse Universe

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



6A4154



8A4A68



696A41



363033



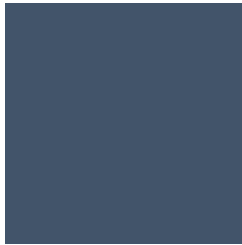
750036



F50071

Previews

White Background



This preview shows how the Hex color 41546A looks on a white background.

Color Contrast Check

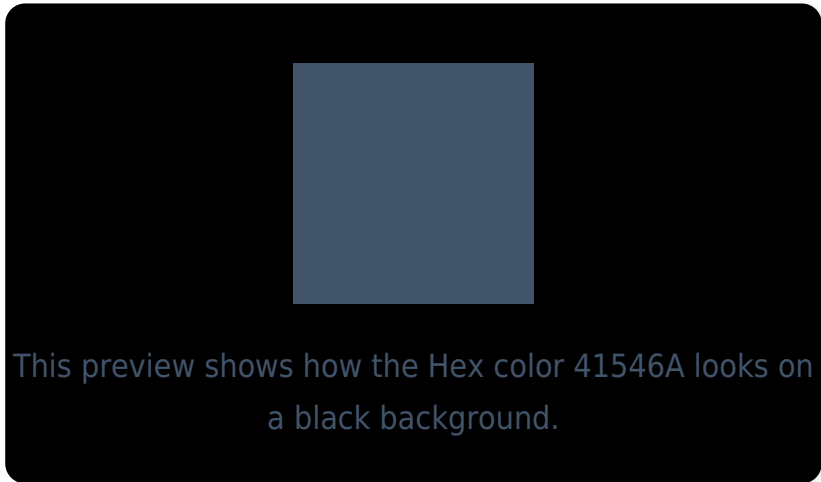
Large Text (above 18pt) WCAG AA ✓ Pass

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

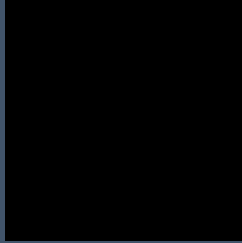
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

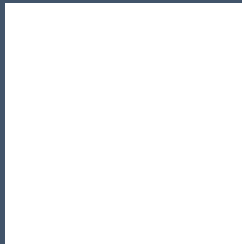
Any Text WCAG AAA × Fail

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

Hex 41546A Background



This preview shows how black text looks on a background with the Hex color 41546A.



This preview shows how white text looks on a background with the Hex color 41546A.

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
41546A

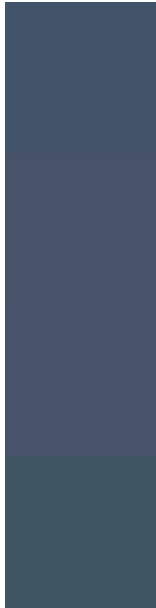
Protanopia
4C5168

Deuteranopia
4D516B



Tritanopia
3E565D

Trichromacy



Original Color
41546A

Protanomaly
485269

Deuteranomaly
49526B

Tritanomaly
3F5562

Monochromacy



Original Color
41546A

Achromatopsia
515151

Achromatomaly
4B525A

CSS Examples

Text

The CSS property to change the color of the text to Hex 41546A 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 #41546A looks like.

```
.text, #text, p{  
    color:#41546A  
}
```

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 #41546A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41546A
}
```

Border

The CSS property to change the border of an element to Hex 41546A 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".

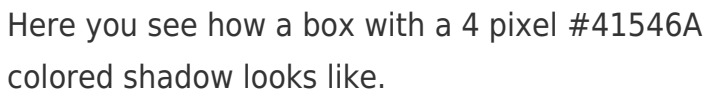
```
.border, #border, table{ border:4px solid
#41546A }
```

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

```
.border{ border-color:#41546A }
```

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

Here you see how a box with a 4 pixel #41546A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41546A; -webkit-box-shadow:4px 4px  
4px 4px #41546A; box-shadow:4px 4px 4px  
4px #41546A }
```

Background

The CSS property to change the background color of an element to Hex 41546A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41546A }
```

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

```
.background{ background-color:#41546A }
```

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