

# Converting Colors

Hex(45606A)

Have a look what the booklet for  
Hex(45606A) contains.

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# Color

**Hex(45606A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	45606A
RGB	69, 96, 106
RGB Percent	27%, 38%, 42%
CMY	0.7294, 0.6235, 0.5843
CMYK	0.35, 0.09, 0.00, 0.58
HSL	196°, 21%, 34%
HSV	196°, 35%, 42%
XYZ	9.2386, 10.6716, 15.2086
YIQ	89.0670, -19.3020, -2.6140

# Conversions

## Conversions Part 2

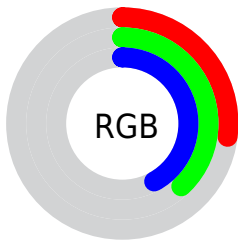
Format	Color
<a href="#">RYB</a>	<a href="#">69, 85, 106</a>
Decimal	<a href="#">4546666</a>
CIELab	<a href="#">39.02, -7.27, -8.91</a>
CIELCh	<a href="#">39, 11.495, 230.776</a>
Yxy	<a href="#">10.6716, 0.2631, 0.3039</a>
Android (android.graphics.Color)	<a href="#">4282736746</a> ( <a href="#">0xFF45606A</a> )
YUV	<a href="#">89.0670, 8.3480, -17.5988</a>
Hunter-Lab	<a href="#">32.6674, -6.6864, -4.7358</a>

# Details

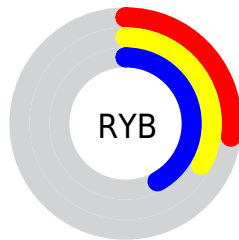
The Hex color **45606A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4F45**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **77939D**, and **16323B** is the 20% darker color. If you saturate the color by 10%, you get **3A5D6A**, and if you desaturate by 10%, it is **50636A**.

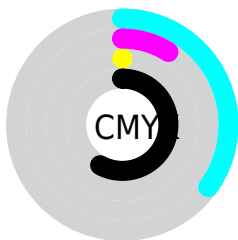
# Distribution



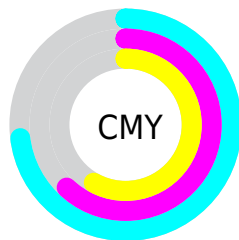
- Red (27%)
- Green (38%)
- Blue (42%)



- Red (27%)
- Yellow (33%)
- Blue (42%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (73%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45606A 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 45606A by changing the saturation by 10% instead.





45606A



45606A

FFFFFF



2D4852



77939D



16323B



91ADB8



001D25



ABC8D4



000110



C7E5F0



000000



E3FFFF



45606A



45606A



3A5D6A



50636A



305A6A



5A666A

■ 25576A

■ 65696A

■ 1B556A

■ 6F6B6A

■ 10526A

■ 7A6E6A

■ 054F6A

■ 85716A

■ 004D6A

■ 8F746A

■ 9A776A

■ A47A6A

# Harmonies

## Analogous

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



436162



45606A



4E5E6E

# Triad

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



45606A



6D565F



5C5D4A

# Complementary

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



45606A



6A4F45

# 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.



665A4A



45606A



705656

# Square

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



45606A



655768



6D574E



526050

# Rectangle

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



45606A



565C6E



6D574E



605C4A



# Sweetspot

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



45606A



7C868A



456A4F



3D4345



C4C4C4



454545



# Same Dimension

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



45606A



507A8A



454E6A



303436



005675



00B3F5



# Inverse Universe

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



6A4560



8A507A



6A6145



363034



750056



F500B3



# Previews

## White Background



This preview shows how the Hex color 45606A looks on a white background.

## Color Contrast Check

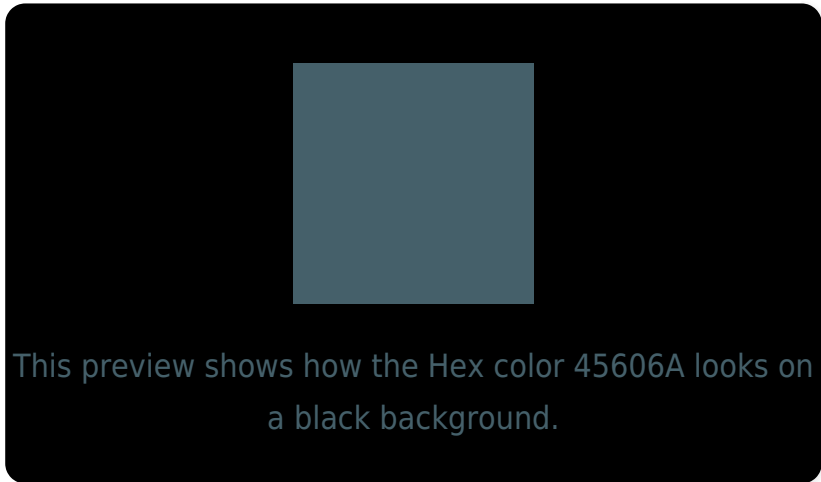
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

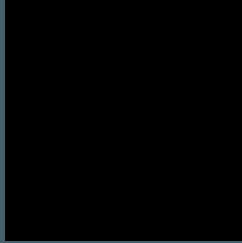
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

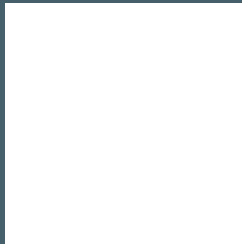
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 45606A Background



This preview shows how black text looks on a background with the Hex color 45606A.

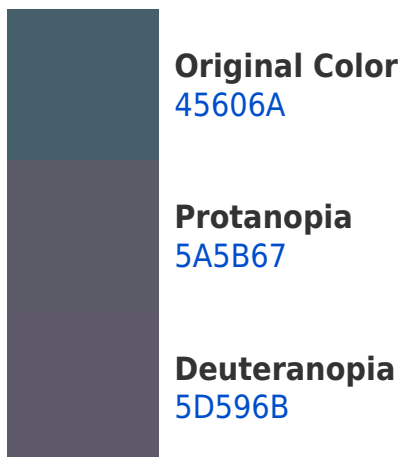


This preview shows how white text looks on a background with the Hex color 45606A.

# 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](#).

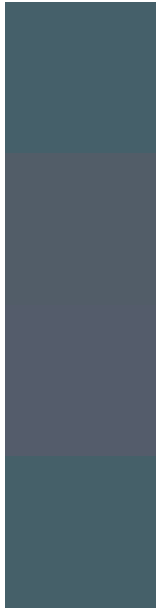
## Dichromacy





**Tritanopia**  
456068

# Trichromacy



**Original Color**  
45606A

**Protanomaly**  
525D68

**Deuteranomaly**  
545C6B

**Tritanomaly**  
456069

# Monochromacy



**Original Color**  
45606A

**Achromatopsia**  
595959

**Achromatomaly**  
525C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45606A 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 #45606A looks like.

```
.text, #text, p{  
    color:#45606A  
}
```

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 #45606A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45606A
}
```

## Border

The CSS property to change the border of an element to Hex 45606A 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
#45606A }
```

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

```
.border{ border-color:#45606A }
```

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

Here you see how a box with a 4 pixel #45606A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45606A; -webkit-box-shadow:4px 4px  
4px 4px #45606A; box-shadow:4px 4px 4px  
4px #45606A }
```

# Background

The CSS property to change the background color of an element to Hex 45606A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45606A }
```

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

```
.background{ background-color:#45606A }
```

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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