

# Converting Colors

Hex(436866)

Have a look what the booklet for  
Hex(436866) contains.

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# Color

**Hex(436866)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	436866
RGB	67, 104, 102
RGB Percent	26%, 41%, 40%
CMY	0.7373, 0.5922, 0.6000
CMYK	0.36, 0.00, 0.02, 0.59
HSL	177°, 22%, 34%
HSV	177°, 36%, 41%
XYZ	9.6633, 12.0532, 14.3876
YIQ	92.7090, -21.4100, -8.4660

# Conversions

## Conversions Part 2

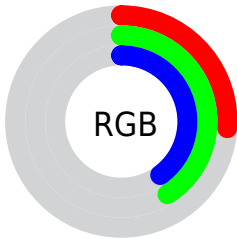
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 86, 104
Decimal	4417638
CIELab	41.30, -13.62, -3.07
CIELCh	41, 13.965, 192.717
Yxy	12.0532, 0.2677, 0.3338
Android (android.graphics.Color)	4282607718 (0xFF436866)
YUV	92.7090, 4.5805, -22.5468
Hunter-Lab	34.7178, -11.0725, -0.2682

# Details

The Hex color **436866** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684345**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **759B99**, and **133937** is the 20% darker color. If you saturate the color by 10%, you get **396865**, and if you desaturate by 10%, it is **4D6867**.

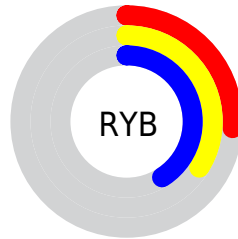
# Distribution



Red (26%)

Green (41%)

Blue (40%)



Red (26%)

Yellow (34%)

Blue (41%)

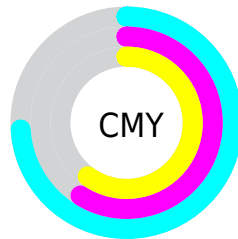


Cyan (36%)

Magenta (0%)

Yellow (2%)

Black (59%)



Cyan (74%)

Magenta (59%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 436866 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 436866 by changing the saturation by 10% instead.



■ 436866

■ 436866

FFFFFF

■ 2B504E

■ 759B99

■ 133937

■ 8FB6B4

■ 002322

■ AAD2CF

■ 00090C

■ C5EEEB

■ 000000

■ E2FFFF

FEFFFF

■ 436866

■ 436866

■ 396865

■ 4D6867

■ 2E6865

■ 586867

■ 246864

■ 626868

■ 196864

■ 6D6868

■ 0F6863

■ 776869

■ 056863

■ 816869

■ 006862

■ 8C686A

■ 96686A

■ A1686B

# Harmonies

## Analogous

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



4C675A



436866



436771

# Triad

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



436866



695D72



705E4C

# Complementary

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



436866



684345

# 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.



775B52



436866



745A68

# Square

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



436866



5B6178



79595D



65624B

# Rectangle

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



436866



486575



79595D



735D4D



# Sweetspot

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



436866



788786



456843



3C4544



C4C4C4



454545



# Same Dimension

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



436866



4D8784



435868



2E3333



00736D



00F2E5



# Inverse Universe

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



684345



874D50



685343



332E2E



730006



F2000D



# Previews

## White Background



This preview shows how the Hex color 436866 looks on a white background.

## Color Contrast Check

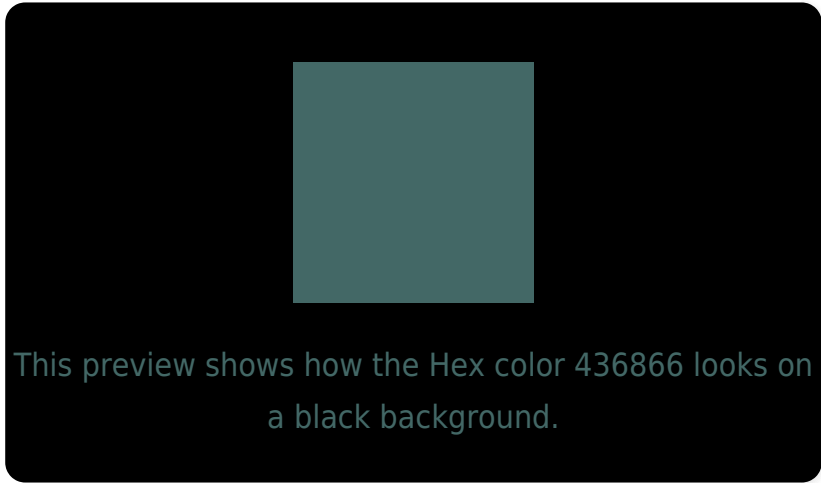
Large Text (above 18pt) WCAG AA ✓ Pass

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

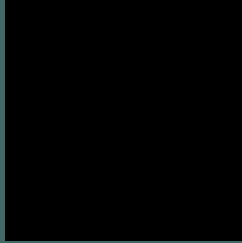
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

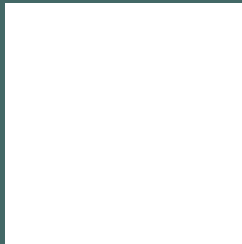
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 436866 Background



This preview shows how black text looks on a background with the Hex color 436866.

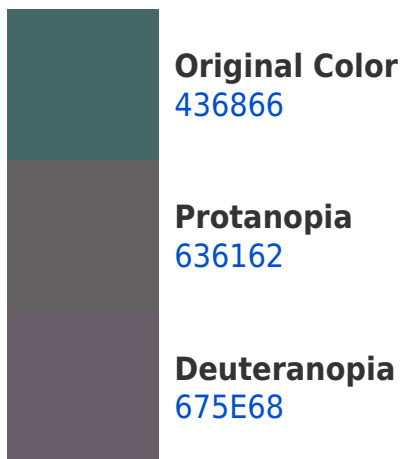



This preview shows how white text looks on a background with the Hex color 436866.

# 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](#).

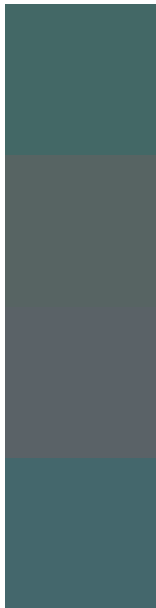
## Dichromacy





**Tritanopia**  
45676F

# Trichromacy



**Original Color**  
436866

**Protanomaly**  
576463

**Deuteranomaly**  
5A6267

**Tritanomaly**  
44676C

# Monochromacy



**Original Color**  
436866

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
546160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 436866 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 #436866 looks like.

```
.text, #text, p{  
    color:#436866  
}
```

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 #436866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436866
}
```

## Border

The CSS property to change the border of an element to Hex 436866 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
#436866 }
```

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

```
.border{ border-color:#436866 }
```

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

Here you see how a box with a 4 pixel #436866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436866; -webkit-box-shadow:4px 4px  
4px 4px #436866; box-shadow:4px 4px 4px  
4px #436866 }
```

# Background

The CSS property to change the background color of an element to Hex 436866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436866 }
```

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

```
.background{ background-color:#436866 }
```

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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