

# Converting Colors

Hex(436151)

Have a look what the booklet for  
Hex(436151) contains.

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# Color

**Hex(436151)**

# Conversions

## Conversions Part 1

Format	Color
Hex	436151
RGB	67, 97, 81
RGB Percent	26%, 38%, 32%
CMY	0.7373, 0.6196, 0.6824
CMYK	0.31, 0.00, 0.16, 0.62
HSL	148°, 18%, 32%
HSV	148°, 31%, 38%
XYZ	8.0746, 10.3368, 9.3542
YIQ	86.2060, -12.7440, -11.3360

# Conversions

## Conversions Part 2

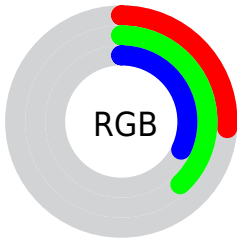
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 87, 97
Decimal	4415825
CIELab	38.44, -14.85, 5.61
CIElCh	38, 15.879, 159.300
Yxy	10.3368, 0.2908, 0.3723
Android (android.graphics.Color)	4282605905 (0xFF436151)
YUV	86.2060, -2.5666, -16.8437
Hunter-Lab	32.1508, -11.4339, 5.2553

# Details

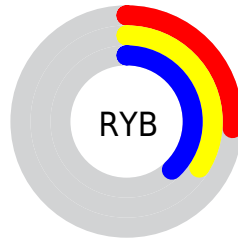
The Hex color **436151** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **614353**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **749482**, and **163224** is the 20% darker color. If you saturate the color by 10%, you get **39614C**, and if you desaturate by 10%, it is **4D6156**.

# Distribution



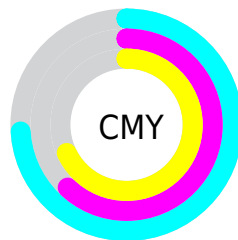
- Red (26%)
- Green (38%)
- Blue (32%)



- Red (26%)
- Yellow (34%)
- Blue (38%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (62%)



- Cyan (74%)
- Magenta (62%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 436151 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 436151 by changing the saturation by 10% instead.





436151



436151

FFFFFF



2C493A



749482



163224



8EAE9C



001E10



A8CAB7



000000



C4E6D3



E0FFE0

F0FFFF



436151



436151



39614C



4D6156

■ 306147

■ 56615B

■ 266141

■ 606161

■ 1C613C

■ 6A6166

■ 126137

■ 73616B

■ 096132

■ 7D6170

■ 00612D

■ 876175

■ 91617A

■ 9A6180

# Harmonies

## Analogous

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



525F46



436151



38625E

# Triad

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



436151



505A74



73534B

# Complementary

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



436151



614353

# 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.



745157



436151



62566E

# Square

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



436151



3F5E72



6E5264



6C5743

# Rectangle

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



436151



356167



6E5264



74524F



# Sweetspot

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



436151



727D77



536143



39403C



BFBFBF



404040



# Same Dimension

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



436151



4F7D64



436160



2C302E



007034



00F070



# Inverse Universe

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



614353



7D4F67



614344



302C2E



70003C



F00080



# Previews

## White Background



This preview shows how the Hex color 436151 looks on a white background.

## Color Contrast Check

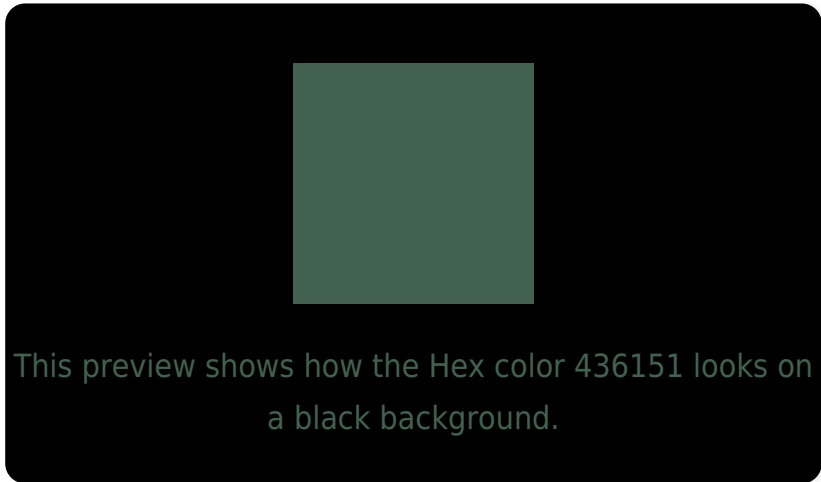
Large Text (above 18pt) WCAG AA ✓ Pass

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

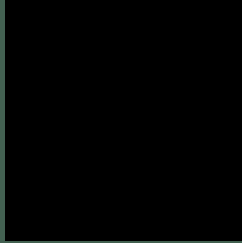
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 436151 Background



This preview shows how black text looks on a background with the Hex color 436151.



This preview shows how white text looks on a background with the Hex color 436151.

# 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**  
436151

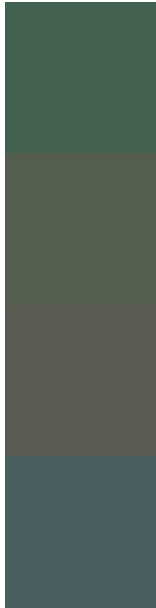
**Protanopia**  
5F5A4D

**Deuteranopia**  
665753



**Tritanopia**  
475E66

# Trichromacy



**Original Color**  
436151

**Protanomaly**  
555D4E

**Deuteranomaly**  
595B52

**Tritanomaly**  
465F5E

# Monochromacy



**Original Color**  
436151

**Achromatopsia**  
565656

**Achromatomaly**  
4F5A54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 436151 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 #436151 looks like.

```
.text, #text, p{  
    color:#436151  
}
```

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 #436151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436151
}
```

## Border

The CSS property to change the border of an element to Hex 436151 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
#436151 }
```

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

```
.border{ border-color:#436151 }
```

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

Here you see how a box with a 4 pixel #436151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436151; -webkit-box-shadow:4px 4px  
4px 4px #436151; box-shadow:4px 4px 4px  
4px #436151 }
```

# Background

The CSS property to change the background color of an element to Hex 436151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436151 }
```

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

```
.background{ background-color:#436151 }
```

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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