

# Converting Colors

Hex(436955)

Have a look what the booklet for  
Hex(436955) contains.

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# Color

**Hex(436955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	436955
RGB	67, 105, 85
RGB Percent	26%, 41%, 33%
CMY	0.7373, 0.5882, 0.6667
CMYK	0.36, 0.00, 0.19, 0.59
HSL	148°, 22%, 34%
HSV	148°, 36%, 41%
XYZ	9.0060, 11.9523, 10.4267
YIQ	91.3580, -16.2280, -14.2760

# Conversions

## Conversions Part 2

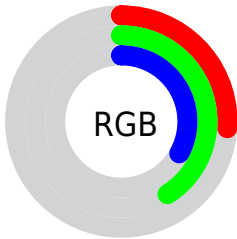
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 93, 105
Decimal	4417877
CIELab	41.14, -18.35, 7.02
CIELCh	41, 19.643, 159.071
Yxy	11.9523, 0.2870, 0.3808
Android (android.graphics.Color)	4282607957 (0xFF436955)
YUV	91.3580, -3.1345, -21.3620
Hunter-Lab	34.5721, -14.0021, 6.3191

# Details

The Hex color **436955** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694357**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **749C87**, and **143A28** is the 20% darker color. If you saturate the color by 10%, you get **39694F**, and if you desaturate by 10%, it is **4E695B**.

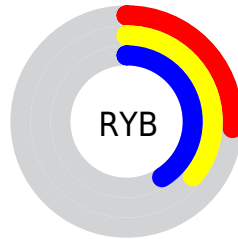
# Distribution



Red (26%)

Green (41%)

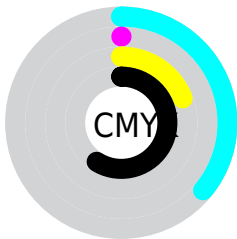
Blue (33%)



Red (26%)

Yellow (36%)

Blue (41%)

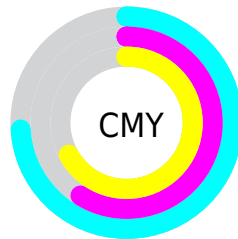


Cyan (36%)

Magenta (0%)

Yellow (19%)

Black (59%)



Cyan (74%)

Magenta (59%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 436955 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 436955 by changing the saturation by 10% instead.





436955



436955

FFFFFF



2B513E



749C87



143A28



8EB7A1



002414



A9D3BC



000800



C5EFD8



000000



E1FFF4

FEFFFF



436955



436955



39694F



4E695B

■ 2E694A

■ 586960

■ 246944

■ 636966

■ 19693F

■ 6D696B

■ 0F6939

■ 776971

■ 046934

■ 826976

■ 006932

■ 8D697C

■ 976981

■ A26987

# Harmonies

## Analogous

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



566648



436955



336A66

# Triad

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



436955



536181



7F574D

# Complementary

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



436955



694357

# 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.



81555D



436955



6A5B7A

# Square

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



436955



3C667F



7A576D



765C43

# Rectangle

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



436955



2E6A70



7A576D



815652



# Sweetspot

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



436955



7B8A82



576943



3C4540



C4C4C4



454545



# Same Dimension

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



436955



4E8A6B



436968



303633



007538



00F574



# Inverse Universe

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



694357



8A4E6E



694344



363033



75003E



F50081



# Previews

## White Background



This preview shows how the Hex color 436955 looks on a white background.

## Color Contrast Check

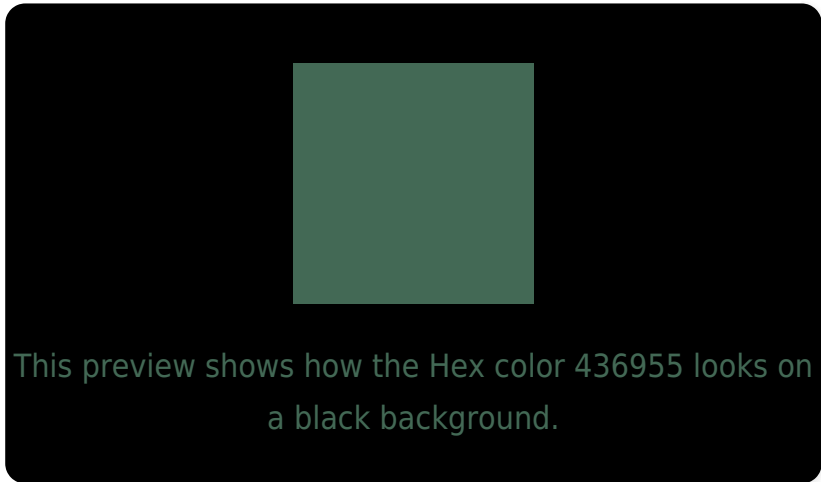
Large Text (above 18pt) WCAG AA ✓ Pass

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

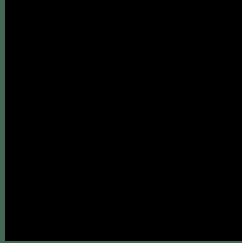
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 436955 Background



This preview shows how black text looks on a background with the Hex color 436955.



This preview shows how white text looks on a background with the Hex color 436955.

# 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**  
436955

**Protanopia**  
666051

**Deuteranopia**  
6D5D57



**Tritanopia**  
48666E

# Trichromacy



**Original Color**  
436955

**Protanomaly**  
596352

**Deuteranomaly**  
5E6156

**Tritanomaly**  
466765

# Monochromacy



**Original Color**  
436955

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
526059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 436955 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 #436955 looks like.

```
.text, #text, p{  
    color:#436955  
}
```

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 #436955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436955
}
```

## Border

The CSS property to change the border of an element to Hex 436955 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
#436955 }
```

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

```
.border{ border-color:#436955 }
```

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

Here you see how a box with a 4 pixel #436955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436955; -webkit-box-shadow:4px 4px  
4px 4px #436955; box-shadow:4px 4px 4px  
4px #436955 }
```

# Background

The CSS property to change the background color of an element to Hex 436955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436955 }
```

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

```
.background{ background-color:#436955 }
```

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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