

# Converting Colors

Hex(435757)

Have a look what the booklet for  
Hex(435757) contains.

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# Color

Hex(435757)

# Conversions

## Conversions Part 1

Format	Color
Hex	435757
RGB	67, 87, 87
RGB Percent	26%, 34%, 34%
CMY	0.7373, 0.6588, 0.6588
CMYK	0.23, 0.00, 0.00, 0.66
HSL	180°, 13%, 30%
HSV	180°, 23%, 34%
XYZ	7.4432, 8.6978, 10.3034
YIQ	81.0200, -11.9200, -4.2400

# Conversions

## Conversions Part 2

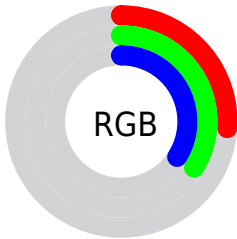
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">67, 77, 87</a>
Decimal	<a href="#">4413271</a>
CIELab	<a href="#">35.40, -7.62, -2.53</a>
CIElCh	<a href="#">35, 8.025, 198.342</a>
Yxy	<a href="#">8.6978, 0.2815, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4282603351 (0xFF435757)</a>
YUV	<a href="#">81.0200, 2.9481, -12.2955</a>
Hunter-Lab	<a href="#">29.4920, -6.5610, -0.0692</a>

# Details

The Hex color **435757** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **574343**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **748989**, and **172A2A** is the 20% darker color. If you saturate the color by 10%, you get **3A5757**, and if you desaturate by 10%, it is **4C5757**.

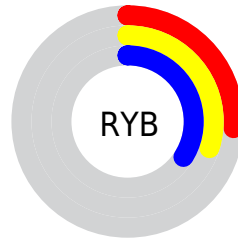
# Distribution



Red (26%)

Green (34%)

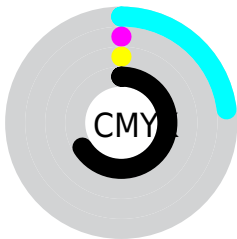
Blue (34%)



Red (26%)

Yellow (30%)

Blue (34%)

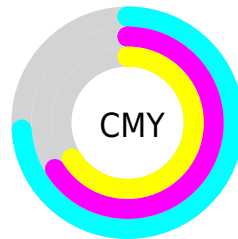


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (66%)



Cyan (74%)

Magenta (66%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435757 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 435757 by changing the saturation by 10% instead.





435757



435757

FFFFFF



2C4040



748989



172A2A



8DA3A3



001615



A8BEBE



000000



C3DADA



DFF6F6



FCFFFF



435757



435757



3A5757



4C5757

■ 325757

■ 545757

■ 295757

■ 5D5757

■ 205757

■ 665757

■ 175757

■ 6F5757

■ 0F5757

■ 775757

■ 065757

■ 805757

■ 005757

■ 895757

■ 915757

# Harmonies

## Analogous

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



465750



435757



44565D

# Triad

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



435757



59505C



5B5247

# Complementary

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



435757



574343

# 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.



60504A



435757



5F4F56

# Square

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



435757



51525F



614F4F



545447

# Rectangle

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



435757



47555F



614F4F



5D5148



# Sweetspot

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



435757



687070



435743



343838



B8B8B8



383838



# Same Dimension

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



435757



517070



434D57



272B2B



006B6B



00EBEB



# Inverse Universe

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



574357



705170



574D43



2B272B



6B006B



EB00EB



# Previews

## White Background



This preview shows how the Hex color 435757 looks on a white background.

## Color Contrast Check

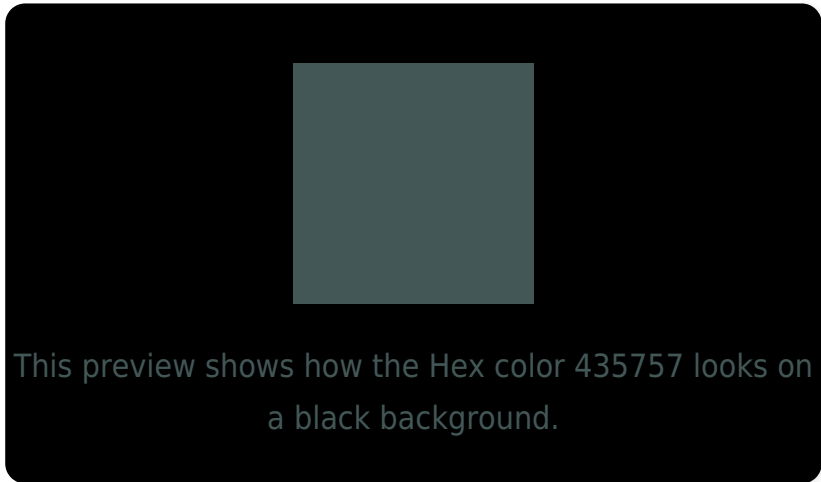
Large Text (above 18pt) WCAG AA ✓ Pass

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

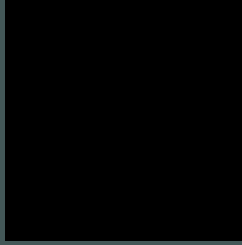
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

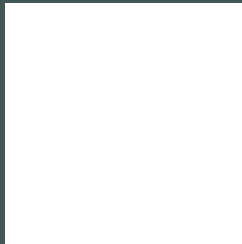
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 435757 Background



This preview shows how black text looks on a background with the Hex color 435757.



This preview shows how white text looks on a background with the Hex color 435757.

# 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](#).

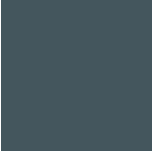
## Dichromacy



**Original Color**  
435757

**Protanopia**  
545354

**Deuteranopia**  
595158



**Tritanopia**  
44565D

# Trichromacy



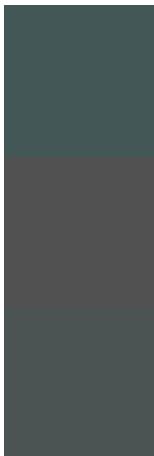
**Original Color**  
435757

**Protanomaly**  
4E5455

**Deuteranomaly**  
515358

**Tritanomaly**  
44565B

# Monochromacy



**Original Color**  
435757

**Achromatopsia**  
515151

**Achromatomaly**  
4C5353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435757 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 #435757 looks like.

```
.text, #text, p{  
    color:#435757  
}
```

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 #435757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435757
}
```

## Border

The CSS property to change the border of an element to Hex 435757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

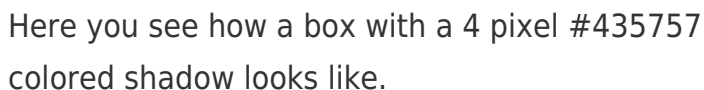
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#435757 }
```

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

```
.border{ border-color:#435757 }
```

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



Here you see how a box with a 4 pixel #435757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435757; -webkit-box-shadow:4px 4px  
4px 4px #435757; box-shadow:4px 4px 4px  
4px #435757 }
```

# Background

The CSS property to change the background color of an element to Hex 435757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435757 }
```

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

```
.background{ background-color:#435757 }
```

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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