

# Converting Colors

Hex(435755)

Have a look what the booklet for  
Hex(435755) contains.

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# Color

Hex(435755)

# Conversions

## Conversions Part 1

Format	Color
Hex	435755
RGB	67, 87, 85
RGB Percent	26%, 34%, 33%
CMY	0.7373, 0.6588, 0.6667
CMYK	0.23, 0.00, 0.02, 0.66
HSL	174°, 13%, 30%
HSV	174°, 23%, 34%
XYZ	7.3626, 8.6656, 9.8789
YIQ	80.7920, -11.2780, -4.8620

# Conversions

## Conversions Part 2

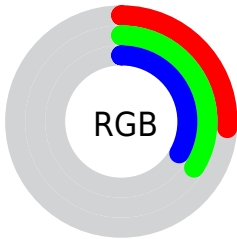
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">67, 78, 87</a>
Decimal	<a href="#">4413269</a>
CIELab	<a href="#">35.33, -8.12, -1.37</a>
CIElCh	<a href="#">35, 8.232, 189.550</a>
Yxy	<a href="#">8.6656, 0.2842, 0.3345</a>
Android (android.graphics.Color)	<a href="#">4282603349 (0xFF435755)</a>
YUV	<a href="#">80.7920, 2.0745, -12.0956</a>
Hunter-Lab	<a href="#">29.4373, -6.8703, 0.7089</a>

# Details

The Hex color **435755** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **574345**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **738987**, and **172A28** is the 20% darker color. If you saturate the color by 10%, you get **3A5754**, and if you desaturate by 10%, it is **4C5756**.

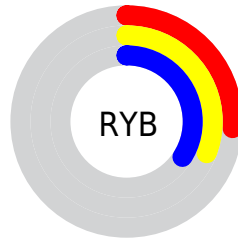
# Distribution



Red (26%)

Green (34%)

Blue (33%)



Red (26%)

Yellow (31%)

Blue (34%)

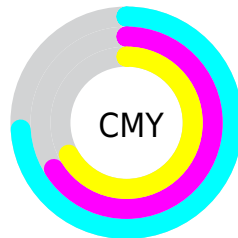


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (66%)



Cyan (74%)

Magenta (66%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435755 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 435755 by changing the saturation by 10% instead.



■ 435755

■ 435755

FFFFFF

■ 2C403E

■ 738987

■ 172A28

■ 8DA3A1

■ 001614

■ A8BEBE

■ 000000

■ C3DAD7

■ DFF6F4

■ FCFFFF

■ 435755

■ 435755

■ 3A5754

■ 4C5756

■ 325753

■ 545757

■ 295752

■ 5D5758

■ 205752

■ 665758

■ 175751

■ 6F5759

■ 0F5750

■ 77575A

■ 06574F

■ 80575B

■ 00574E

■ 89575C

■ 91575D

# Harmonies

## Analogous

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



48574E



435755



43565B

# Triad

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



435755



57515D



5D5147

# Complementary

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



435755



574345

# 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.



604F4B



435755



5E4F58

# Square

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



435755



4F5360



614F51



565346

# Rectangle

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



435755



45565E



614F51



5E5048



# Sweetspot

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



435755



68706F



455743



343838



B8B8B8



383838



# Same Dimension

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



435755



51706D



434F57



272B2B



006B60



00EBD3



# Inverse Universe

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



574345



705154



574B43



2B2727



6B000B



EB0017



# Previews

## White Background



This preview shows how the Hex color 435755 looks on a white background.

## Color Contrast Check

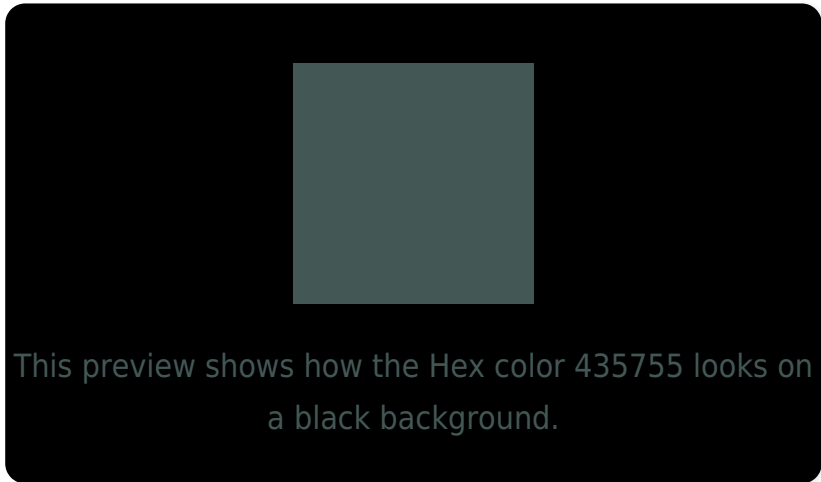
Large Text (above 18pt) WCAG AA ✓ Pass

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 435755 Background



This preview shows how black text looks on a background with the Hex color 435755.



This preview shows how white text looks on a background with the Hex color 435755.

# 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](#).

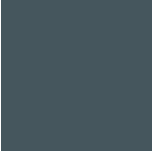
## Dichromacy



**Original Color**  
435755

**Protanopia**  
545252

**Deuteranopia**  
595056



**Tritanopia**  
45565D

# Trichromacy



**Original Color**  
435755

**Protanomaly**  
4E5453

**Deuteranomaly**  
515356

**Tritanomaly**  
44565A

# Monochromacy



**Original Color**  
435755

**Achromatopsia**  
515151

**Achromatomaly**  
4C5352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435755 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 #435755 looks like.

```
.text, #text, p{  
  color:#435755  
}
```

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 #435755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435755
}
```

## Border

The CSS property to change the border of an element to Hex 435755 is called "border". The border property can be set on classes, ids or directly on the HTML element.

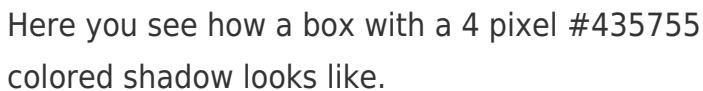
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#435755 }
```

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

```
.border{ border-color:#435755 }
```

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



Here you see how a box with a 4 pixel #435755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435755; -webkit-box-shadow:4px 4px  
4px 4px #435755; box-shadow:4px 4px 4px  
4px #435755 }
```

# Background

The CSS property to change the background color of an element to Hex 435755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435755 }
```

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

```
.background{ background-color:#435755 }
```

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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