

# Converting Colors

Hex(435E49)

Have a look what the booklet for  
Hex(435E49) contains.

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# Color

**Hex(435E49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	435E49
RGB	67, 94, 73
RGB Percent	26%, 37%, 29%
CMY	0.7373, 0.6314, 0.7137
CMYK	0.29, 0.00, 0.22, 0.63
HSL	133°, 17%, 32%
HSV	133°, 29%, 37%
XYZ	7.5200, 9.6797, 7.7754
YIQ	83.5330, -9.3510, -12.2550

# Conversions

## Conversions Part 2

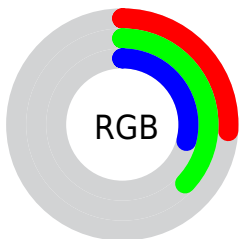
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">67, 89, 94</a>
Decimal	<a href="#">4415049</a>
CIELab	<a href="#">37.26, -14.93, 8.85</a>
CIELCh	<a href="#">37, 17.354, 149.321</a>
Yxy	<a href="#">9.6797, 0.3011, 0.3876</a>
Android (android.graphics.Color)	<a href="#">4282605129</a> ( <a href="#">0xFF435E49</a> )
YUV	<a href="#">83.5330, -5.1928, -14.4994</a>
Hunter-Lab	<a href="#">31.1123, -11.3019, 6.9613</a>

# Details

The Hex color **435E49** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4358**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **74917A**, and **16301D** is the 20% darker color. If you saturate the color by 10%, you get **3A5E42**, and if you desaturate by 10%, it is **4C5E50**.

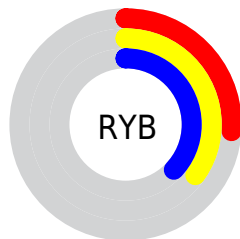
# Distribution



Red (26%)

Green (37%)

Blue (29%)



Red (26%)

Yellow (35%)

Blue (37%)

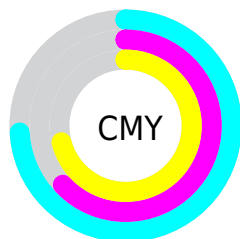


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435E49 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 435E49 by changing the saturation by 10% instead.



 435E49

 435E49

FFFFFF

 2C4632

 74917A

 16301D

 8DAB93

 001C04

 A8C6AE

 000000

 C3E2C9

 DFFFE5

 FCFFFF

 435E49

 435E49

 3A5E42

 4C5E50

■ 305E3A

■ 565E58

■ 275E33

■ 5F5E5F

■ 1D5E2C

■ 695E66

■ 145E24

■ 725E6E

■ 0B5E1D

■ 7B5E75

■ 015E16

■ 855E7C

■ 005E15

■ 8E5E83

■ 985E8B

# Harmonies

## Analogous

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



535B3F



435E49



345F57

# Triad

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



435E49



455973



734E4B

# Complementary

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



435E49



5E4358

# 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.



724D59



435E49



595470

# Square

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



435E49



335D6F



695066



6D5240

# Rectangle

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



435E49



2E5F60



695066



744E4F



# Sweetspot

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



435E49



6F7A72



585E43



363D38



BDBDBD



3D3D3D



# Same Dimension

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



435E49



517A5A



435E56



292E2A



006E18



00ED35



# Inverse Universe

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



5E4358



7A5171



5E434B



2E292D



6E0055

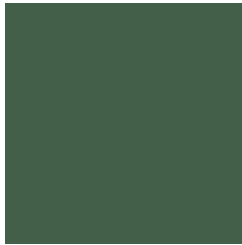


ED00B8



# Previews

## White Background



This preview shows how the Hex color 435E49 looks on a white background.

## Color Contrast Check

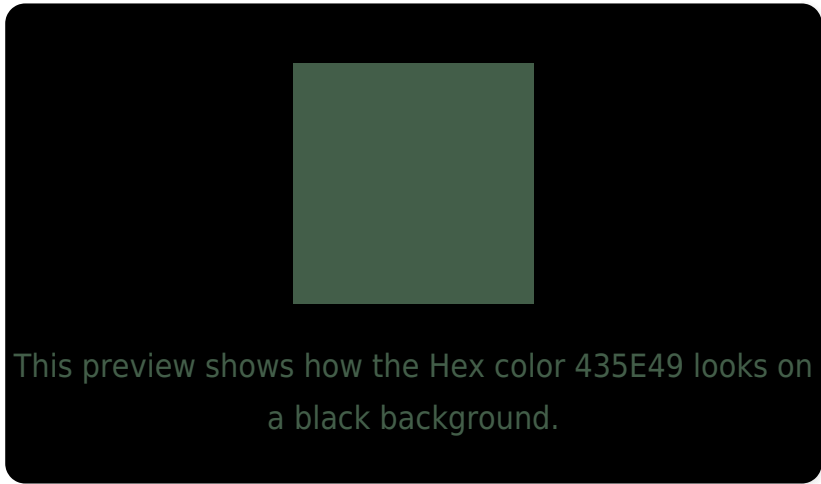
Large Text (above 18pt) WCAG AA ✓ Pass

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

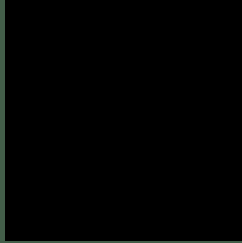
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 435E49 Background



This preview shows how black text looks on a background with the Hex color 435E49.



This preview shows how white text looks on a background with the Hex color 435E49.

# 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**  
435E49

**Protanopia**  
5D5746

**Deuteranopia**  
64544B



**Tritanopia**  
485B62

# Trichromacy



**Original Color**  
435E49

**Protanomaly**  
545A47

**Deuteranomaly**  
58584A

**Tritanomaly**  
465C59

# Monochromacy



**Original Color**  
435E49

**Achromatopsia**  
545454

**Achromatomaly**  
4E5850

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435E49 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 #435E49 looks like.

```
.text, #text, p{  
    color:#435E49  
}
```

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 #435E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435E49
}
```

## Border

The CSS property to change the border of an element to Hex 435E49 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
#435E49 }
```

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

```
.border{ border-color:#435E49 }
```

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

Here you see how a box with a 4 pixel #435E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435E49; -webkit-box-shadow:4px 4px  
4px 4px #435E49; box-shadow:4px 4px 4px  
4px #435E49 }
```

# Background

The CSS property to change the background color of an element to Hex 435E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435E49 }
```

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

```
.background{ background-color:#435E49 }
```

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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