

Converting Colors

Hex(435D5D)

Have a look what the booklet for
Hex(435D5D) contains.

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Color

Hex(435D5D)

Conversions

Conversions Part 1

Format	Color
Hex	435D5D
RGB	67, 93, 93
RGB Percent	26%, 36%, 36%
CMY	0.7373, 0.6353, 0.6353
CMYK	0.28, 0.00, 0.00, 0.64
HSL	180°, 16%, 31%
HSV	180°, 28%, 36%
XYZ	8.2049, 9.8123, 11.8174
YIQ	85.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

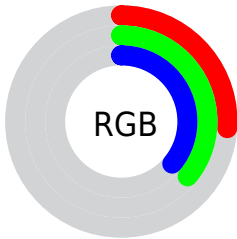
Format	Color
RYB	67, 80, 93
Decimal	4414813
CIELab	37.50, -9.64, -3.15
CIElCh	38, 10.143, 198.112
Yxy	9.8123, 0.2750, 0.3289
Android (android.graphics.Color)	4282604893 (0xFF435D5D)
YUV	85.2260, 3.8326, -15.9842
Hunter-Lab	31.3246, -8.0634, -0.4404

Details

The Hex color **435D5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D4343**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **748F8F**, and **162F2F** is the 20% darker color. If you saturate the color by 10%, you get **3A5D5D**, and if you desaturate by 10%, it is **4C5D5D**.

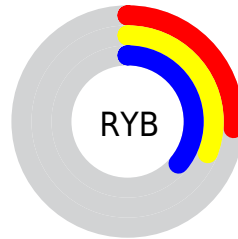
Distribution



Red (26%)

Green (36%)

Blue (36%)



Red (26%)

Yellow (31%)

Blue (36%)

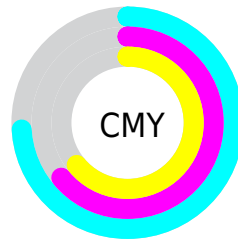


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435D5D 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 435D5D by changing the saturation by 10% instead.



435D5D



435D5D

FFFFFF



2C4545



748F8F



162F2F



8EAAAA



001B1A



A8C5C5



000000



C4E1E1



E0FEFE

FDFEFF



435D5D



435D5D



3A5D5D



4C5D5D

■ 305D5D

■ 565D5D

■ 275D5D

■ 5F5D5D

■ 1E5D5D

■ 685D5D

■ 155D5D

■ 725D5D

■ 0B5D5D

■ 7B5D5D

■ 025D5D

■ 845D5D

■ 005D5D

■ 8D5D5D

■ 975D5D

Harmonies

Analogous

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



485D55



435D5D



445C64

Triad

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



435D5D



605563



625748

Complementary

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



435D5D



5D4343

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.



68544C



435D5D



67535C

Square

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



435D5D



565768



6A5354



595949

Rectangle

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



435D5D



485B67



6A5354



645649

Sweetspot

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



435D5D



6E7878



435D43



373D3D



BDBDBD



3D3D3D

Same Dimension

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



435D5D



4F7878



43505D



292E2E



006E6E



00EDED

Inverse Universe

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



5D435D



784F78



5D5043



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 435D5D looks on a white background.

Color Contrast Check

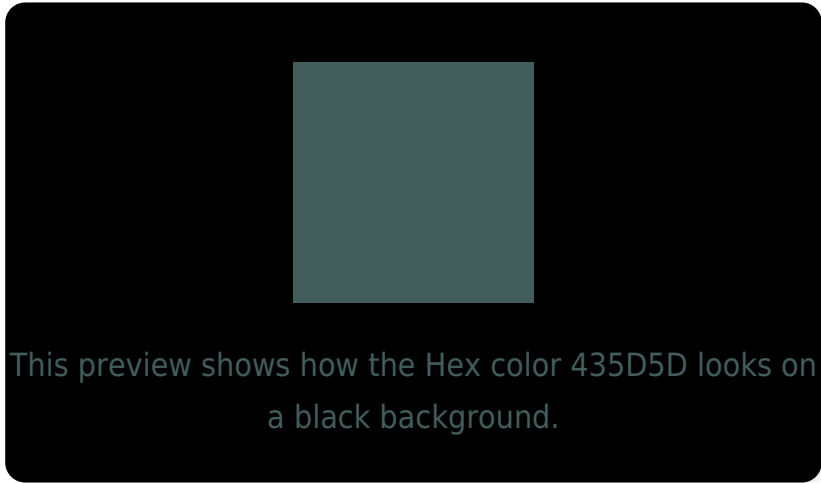
Large Text (above 18pt) WCAG AA ✓ Pass

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

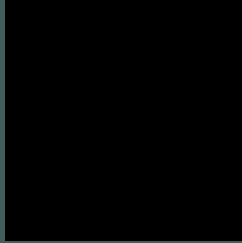
Any Text WCAG AA × Fail

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 435D5D Background



This preview shows how black text looks on a background with the Hex color 435D5D.



This preview shows how white text looks on a background with the Hex color 435D5D.

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
435D5D

Protanopia
59585A

Deuteranopia
5E555F



Tritanopia
445C63

Trichromacy



Original Color
435D5D

Protanomaly
515A5B

Deuteranomaly
54585E

Tritanomaly
445C61

Monochromacy



Original Color
435D5D

Achromatopsia
555555

Achromatomaly
4E5858

CSS Examples

Text

The CSS property to change the color of the text to Hex 435D5D 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 #435D5D looks like.

```
.text, #text, p{  
    color:#435D5D  
}
```

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 #435D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435D5D
}
```

Border

The CSS property to change the border of an element to Hex 435D5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

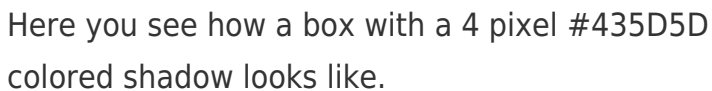
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#435D5D }
```

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

```
.border{ border-color:#435D5D }
```

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



Here you see how a box with a 4 pixel #435D5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435D5D; -webkit-box-shadow:4px 4px  
4px 4px #435D5D; box-shadow:4px 4px 4px  
4px #435D5D }
```

Background

The CSS property to change the background color of an element to Hex 435D5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435D5D }
```

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

```
.background{ background-color:#435D5D }
```

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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