

Converting Colors

Hex(435D62)

Have a look what the booklet for
Hex(435D62) contains.

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Color

Hex(435D62)

Conversions

Conversions Part 1

Format	Color
Hex	435D62
RGB	67, 93, 98
RGB Percent	26%, 36%, 38%
CMY	0.7373, 0.6353, 0.6157
CMYK	0.32, 0.05, 0.00, 0.62
HSL	190°, 19%, 32%
HSV	190°, 32%, 38%
XYZ	8.4337, 9.9038, 13.0224
YIQ	85.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

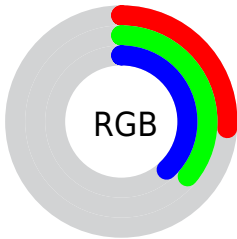
Format	Color
RYB	67, 81, 98
Decimal	4414818
CIELab	37.67, -8.32, -6.01
CIElCh	38, 10.261, 215.821
Yxy	9.9038, 0.2689, 0.3158
Android (android.graphics.Color)	4282604898 (0xFF435D62)
YUV	85.7960, 6.0166, -16.4841
Hunter-Lab	31.4704, -7.2372, -2.5049

Details

The Hex color **435D62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **624843**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **748F95**, and **152F34** is the 20% darker color. If you saturate the color by 10%, you get **395B62**, and if you desaturate by 10%, it is **4D5F62**.

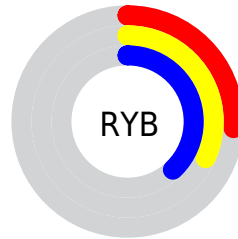
Distribution



Red (26%)

Green (36%)

Blue (38%)



Red (26%)

Yellow (32%)

Blue (38%)

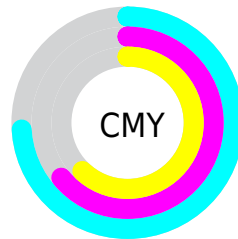


Cyan (32%)

Magenta (5%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435D62 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 435D62 by changing the saturation by 10% instead.

■ 435D62

■ 435D62

FFFFFF

■ 2C454A

■ 748F95

■ 152F34

■ 8EAAAF

■ 001B1F

■ A9C5CB

■ 000005

■ C4E1E7

■ 000000

■ E0FEFF

FDFFFF

■ 435D62

■ 435D62

■ 395B62

■ 4D5F62

■ 2F5A62

■ 576062

■ 265862

■ 606262

■ 1C5762

■ 6A6362

■ 125562

■ 746562

■ 085462

■ 7E6662

■ 005262

■ 886862

■ 916A62

■ 9B6B62

Harmonies

Analogous

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



445E5A



435D62



485B67

Triad

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



435D62



655460



5E5948

Complementary

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



435D62



624843

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.



65564A



435D62



6A5357

Square

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



435D62



5C5666



6A544F



545B4B

Rectangle

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



435D62



4E5A69



6A544F



605848

Sweetspot

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



435D62



747E80



436248



393F40



BFBFBF



404040

Same Dimension

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



435D62



4F7880



434E62



2C3030



005E70



00C9F0

Inverse Universe

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



62435D



804F78



625743



302C30



70005E



F000C9

Previews

White Background



This preview shows how the Hex color 435D62 looks on a white background.

Color Contrast Check

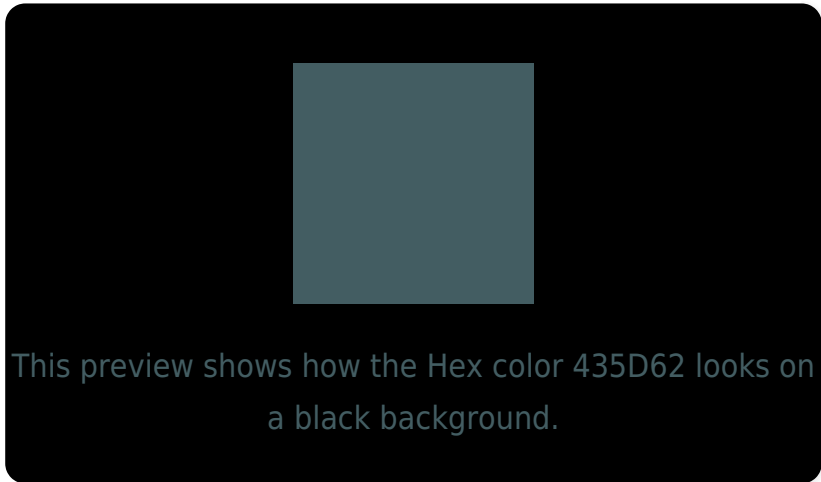
Large Text (above 18pt) WCAG AA ✓ Pass

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

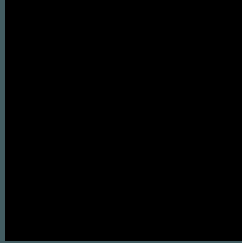
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

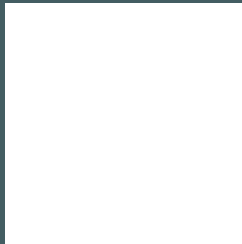
Any Text WCAG AAA × Fail

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

Hex 435D62 Background



This preview shows how black text looks on a background with the Hex color 435D62.

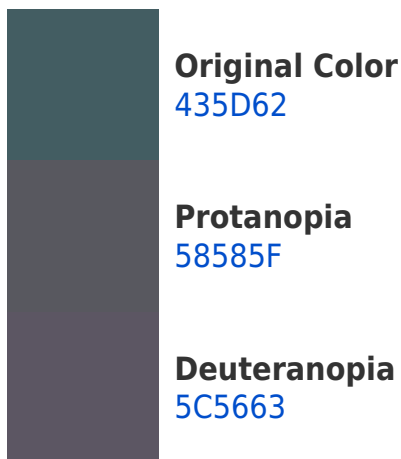



This preview shows how white text looks on a background with the Hex color 435D62.

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](#).

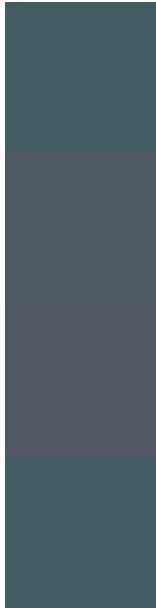
Dichromacy





Tritanopia
435D64

Trichromacy



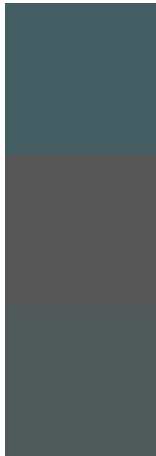
Original Color
435D62

Protanomaly
505A60

Deuteranomaly
535963

Tritanomaly
435D63

Monochromacy



Original Color
435D62

Achromatopsia
565656

Achromatomaly
4F595A

CSS Examples

Text

The CSS property to change the color of the text to Hex 435D62 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 #435D62 looks like.

```
.text, #text, p{  
    color:#435D62  
}
```

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 #435D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435D62
}
```

Border

The CSS property to change the border of an element to Hex 435D62 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
#435D62 }
```

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

```
.border{ border-color:#435D62 }
```

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

Here you see how a box with a 4 pixel #435D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435D62; -webkit-box-shadow:4px 4px  
4px 4px #435D62; box-shadow:4px 4px 4px  
4px #435D62 }
```

Background

The CSS property to change the background color of an element to Hex 435D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435D62 }
```

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

```
.background{ background-color:#435D62 }
```

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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