

# Converting Colors

Hex(425661)

Have a look what the booklet for  
Hex(425661) contains.

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# Color

**Hex(425661)**

# Conversions

## Conversions Part 1

Format	Color
Hex	425661
RGB	66, 86, 97
RGB Percent	26%, 34%, 38%
CMY	0.7412, 0.6627, 0.6196
CMYK	0.32, 0.11, 0.00, 0.62
HSL	201°, 19%, 32%
HSV	201°, 32%, 38%
XYZ	7.7322, 8.6769, 12.5765
YIQ	81.2740, -15.4510, -0.8190

# Conversions

## Conversions Part 2

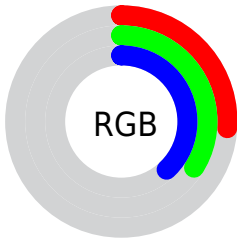
Format	Color
<a href="#">RYB</a>	<a href="#">66, 78, 97</a>
Decimal	<a href="#">4347489</a>
CIELab	<a href="#">35.35, -4.71, -8.86</a>
CIELCh	<a href="#">35, 10.031, 242.021</a>
Yxy	<a href="#">8.6769, 0.2668, 0.2994</a>
Android (android.graphics.Color)	<a href="#">4282537569 (0xFF425661)</a>
YUV	<a href="#">81.2740, 7.7529, -13.3953</a>
Hunter-Lab	<a href="#">29.4566, -4.6935, -4.6944</a>

# Details

The Hex color **425661** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **614D42**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **738894**, and **152933** is the 20% darker color. If you saturate the color by 10%, you get **385361**, and if you desaturate by 10%, it is **4C5961**.

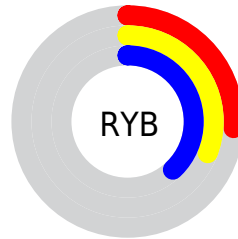
# Distribution



Red (26%)

Green (34%)

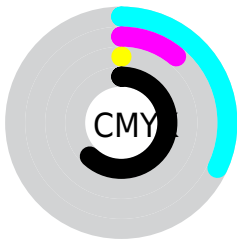
Blue (38%)



Red (26%)

Yellow (31%)

Blue (38%)

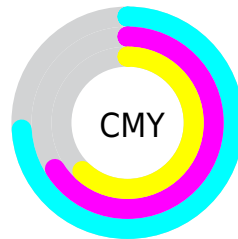


Cyan (32%)

Magenta (11%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (66%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 425661 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 425661 by changing the saturation by 10% instead.





425661



425661

FFFFFF



2B3F49



738894



152933



8DA2AE



00151E



A7BDCA



000002



C3D9E6



000000



DFF5FF



FBFFFF



425661



425661



385361



4C5961

■ 2F4F61

■ 555D61

■ 254C61

■ 5F6061

■ 1B4861

■ 696461

■ 124561

■ 736761

■ 084161

■ 7C6B61

■ 003F61

■ 866E61

■ 907261

■ 997561

# Harmonies

## Analogous

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



3E575B



425661



4B5463

# Triad

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



425661



634E53



505545

# Complementary

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



425661



614D42

# 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.



595343



425661



644E4B

# Square

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



425661



5E4F5B



605045



47574B

# Rectangle

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



425661



525262



605045



535444



# Sweetspot

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



425661



70797D



42614D



383D40



BFBFBF



404040



# Same Dimension

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



425661



4D6C7D



424761



2C2F30



004870



009BF0



# Inverse Universe

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



614256



7D4D6C



615C42



302C2F



700048



F0009B



# Previews

## White Background



This preview shows how the Hex color 425661 looks on a white background.

## Color Contrast Check

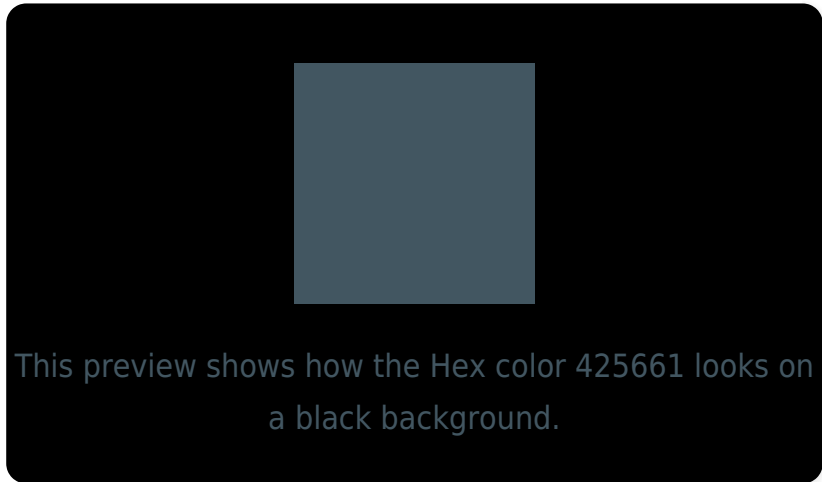
Large Text (above 18pt) WCAG AA ✓ Pass

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

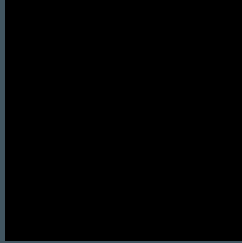
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

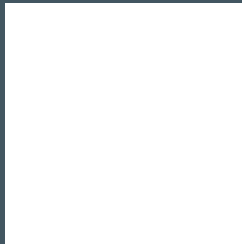
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 425661 Background



This preview shows how black text looks on a background with the Hex color 425661.



This preview shows how white text looks on a background with the Hex color 425661.

# 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**  
425661

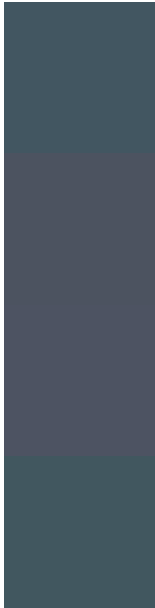
**Protanopia**  
51525F

**Deuteranopia**  
545162



**Tritanopia**  
41575E

# Trichromacy



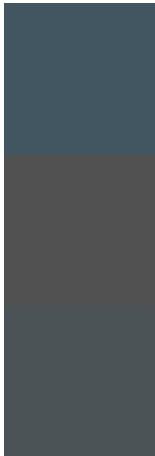
**Original Color**  
425661

**Protanomaly**  
4C5360

**Deuteranomaly**  
4D5362

**Tritanomaly**  
41575F

# Monochromacy



**Original Color**  
425661

**Achromatopsia**  
515151

**Achromatomaly**  
4C5357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 425661 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 #425661 looks like.

```
.text, #text, p{  
    color:#425661  
}
```

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 #425661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425661
}
```

## Border

The CSS property to change the border of an element to Hex 425661 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
#425661 }
```

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

```
.border{ border-color:#425661 }
```

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

Here you see how a box with a 4 pixel #425661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425661; -webkit-box-shadow:4px 4px  
4px 4px #425661; box-shadow:4px 4px 4px  
4px #425661 }
```

# Background

The CSS property to change the background color of an element to Hex 425661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425661 }
```

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

```
.background{ background-color:#425661 }
```

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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