

Converting Colors

Hex(425658)

Have a look what the booklet for
Hex(425658) contains.

Hex(425658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(425658)

Conversions

Conversions Part 1

Format	Color
Hex	425658
RGB	66, 86, 88
RGB Percent	26%, 34%, 35%
CMY	0.7412, 0.6627, 0.6549
CMYK	0.25, 0.02, 0.00, 0.65
HSL	185°, 14%, 30%
HSV	185°, 25%, 35%
XYZ	7.3360, 8.5184, 10.4901
YIQ	80.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

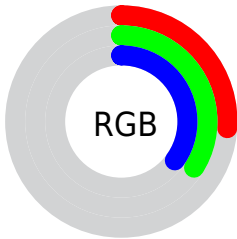
Format	Color
RYB	66, 76, 88
Decimal	4347480
CIELab	35.04, -7.12, -3.69
CIElCh	35, 8.014, 207.384
Yxy	8.5184, 0.2785, 0.3233
Android (android.graphics.Color)	4282537560 (0xFF425658)
YUV	80.2480, 3.8217, -12.4955
Hunter-Lab	29.1863, -6.2099, -0.8795

Details

The Hex color **425658** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **584442**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **73888A**, and **16292B** is the 20% darker color. If you saturate the color by 10%, you get **395558**, and if you desaturate by 10%, it is **4B5758**.

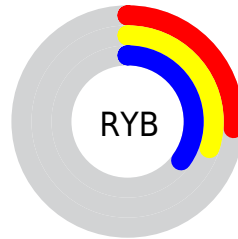
Distribution



Red (26%)

Green (34%)

Blue (35%)



Red (26%)

Yellow (30%)

Blue (35%)

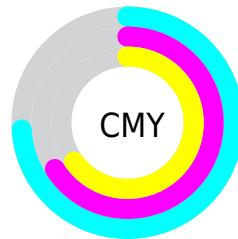


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (65%)



Cyan (74%)

Magenta (66%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425658 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 425658 by changing the saturation by 10% instead.



425658



425658

FFFFFF



2B3F41



73888A



16292B



8CA2A4



001516



A7BDBF



000000



C2D9DB



DEF5F7



FBFFFF



425658



425658



395558



4B5758

■ 305458

■ 545858

■ 285458

■ 5C5858

■ 1F5358

■ 655958

■ 165258

■ 6E5A58

■ 0D5158

■ 775B58

■ 045058

■ 805C58

■ 005058

■ 885C58

■ 915D58

Harmonies

Analogous

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



445652



425658



44555D

Triad

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



425658



5A4F59



585246

Complementary

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



425658



584442

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.



5E5048



425658



5F4E53

Square

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



425658



53515E



604E4D



515447

Rectangle

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



425658



48545F



604E4D



5A5146

Sweetspot

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



425658



6A7273



425844



353A3B



BABABA



3B3B3B

Same Dimension

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



425658



507073



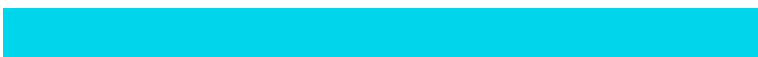
424B58



272B2B



00616B



00D5EB

Inverse Universe

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



584256



735070



584F42



2B272B



6B0061



EB00D5

Previews

White Background



This preview shows how the Hex color 425658 looks on a white background.

Color Contrast Check

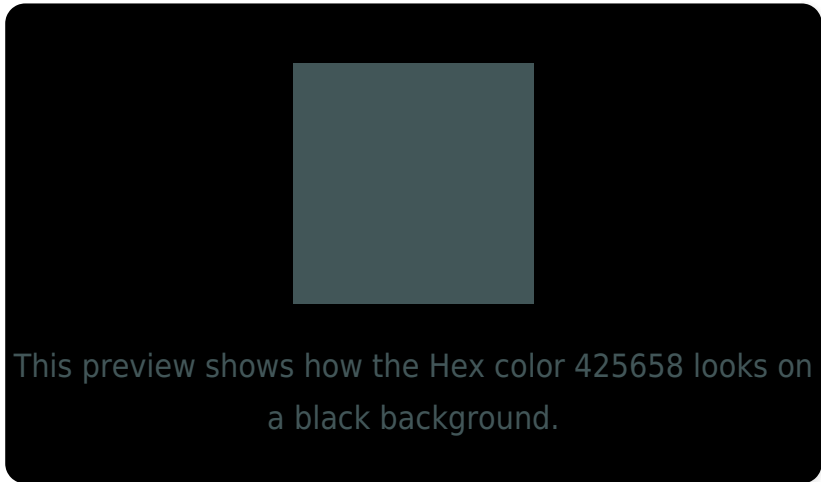
Large Text (above 18pt) WCAG AA ✓ Pass

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

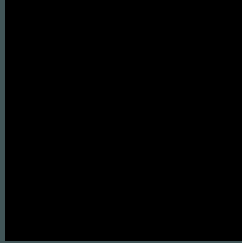
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

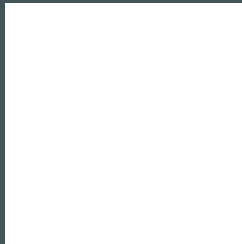
Any Text WCAG AAA × Fail

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

Hex 425658 Background



This preview shows how black text looks on a background with the Hex color 425658.



This preview shows how white text looks on a background with the Hex color 425658.

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](#).

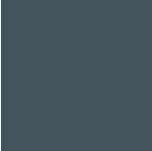
Dichromacy



Original Color
425658

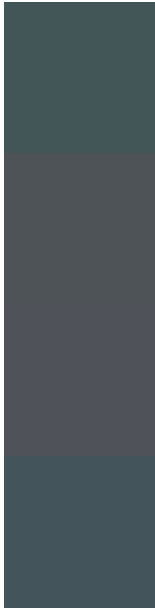
Protanopia
535255

Deuteranopia
575059



Tritanopia
43555C

Trichromacy



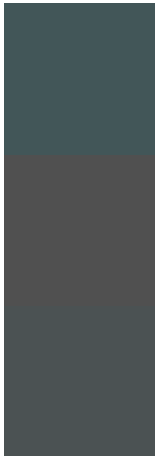
Original Color
425658

Protanomaly
4D5356

Deuteranomaly
4F5259

Tritanomaly
43555B

Monochromacy



Original Color
425658

Achromatopsia
505050

Achromatomaly
4B5253

CSS Examples

Text

The CSS property to change the color of the text to Hex 425658 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 #425658 looks like.

```
.text, #text, p{  
    color:#425658  
}
```

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 #425658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425658
}
```

Border

The CSS property to change the border of an element to Hex 425658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

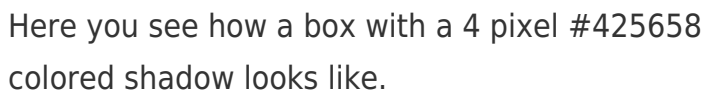
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#425658 }
```

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

```
.border{ border-color:#425658 }
```

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



Here you see how a box with a 4 pixel #425658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425658; -webkit-box-shadow:4px 4px  
4px 4px #425658; box-shadow:4px 4px 4px  
4px #425658 }
```

Background

The CSS property to change the background color of an element to Hex 425658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425658 }
```

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

```
.background{ background-color:#425658 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor