

# Converting Colors

Hex(425157)

Have a look what the booklet for  
Hex(425157) contains.

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# Color

**Hex(425157)**

# Conversions

Conversions Part 1	
Format	Color
Hex	425157
RGB	66, 81, 87
RGB Percent	26%, 32%, 34%
CMY	0.7412, 0.6824, 0.6588
CMYK	0.24, 0.07, 0.00, 0.66
HSL	197°, 14%, 30%
HSV	197°, 24%, 34%
XYZ	6.9095, 7.7312, 10.1449
YIQ	77.1990, -10.8660, -1.3140

# Conversions

## Conversions Part 2

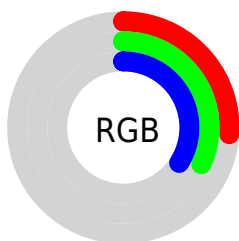
Format	Color
<a href="#">RYB</a>	<a href="#">66, 75, 87</a>
Decimal	<a href="#">4346199</a>
CIELab	<a href="#">33.42, -4.33, -5.47</a>
CIELCh	<a href="#">33, 6.973, 231.643</a>
Yxy	<a href="#">7.7312, 0.2788, 0.3119</a>
Android (android.graphics.Color)	<a href="#">4282536279</a> (0xFF425157)
YUV	<a href="#">77.1990, 4.8319, -9.8215</a>
Hunter-Lab	<a href="#">27.8051, -4.3021, -2.1689</a>

# Details

The Hex color **425157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574842**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **728289**, and **16242A** is the 20% darker color. If you saturate the color by 10%, you get **394F57**, and if you desaturate by 10%, it is **4B5357**.

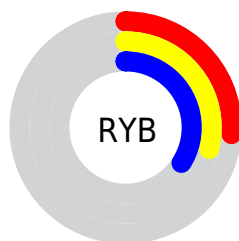
# Distribution



Red (26%)

Green (32%)

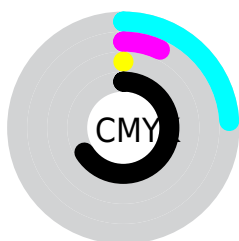
Blue (34%)



Red (26%)

Yellow (29%)

Blue (34%)

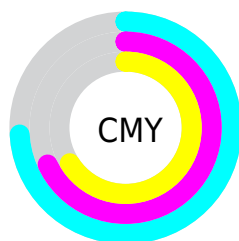


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (66%)



Cyan (74%)

Magenta (68%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 425157 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 425157 by changing the saturation by 10% instead.

 425157

 425157

FFFFFF

 2B3A40

 728289

 16242A

 8C9CA3

 000F16

 A6B7BE

 000000

 C2D3DA

 DEEF6

 FAFFFF

 425157

 425157

 394F57

 4B5357

 314C57 535657 284A57 5C5857 1F4757 655B57 164557 6E5D57 0E4257 766057 054057 7F6257 003E57 886557 906757

# Harmonies

## Analogous

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



415252



425157



475059

# Triad

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



425157



594B50



4F4F44

# Complementary

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



425157



574842

# 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.



554E44



425157



5A4B4B

# Square

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



425157



544C55



594C46



485148

# Rectangle

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



425157



4B4E59



594C46



514F44

# Sweetspot

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



425157



686E70



425748



343738



B8B8B8



383838



# Same Dimension

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



425157



506770



424757



272A2B



004C6B



00A8EB



# Inverse Universe

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



574251



705067



575242



2B272A



6B004C



EB00A8



# Previews

## White Background



This preview shows how the Hex color 425157 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



This preview shows how the Hex color 425157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

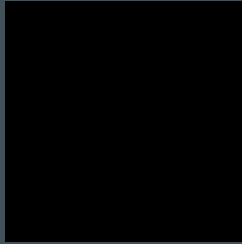
Any Text WCAG AA × Fail

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 425157 Background



This preview shows how black text looks on a background with the Hex color 425157.



This preview shows how white text looks on a background with the Hex color 425157.

# 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**

425157

**Protanopia**

4E4E55

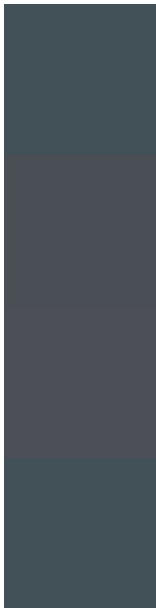
**Deuteranopia**

524C58



**Tritanopia**  
425157

# Trichromacy



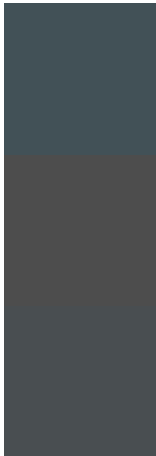
**Original Color**  
425157

**Protanomaly**  
4A4F56

**Deuteranomaly**  
4C4E58

**Tritanomaly**  
425157

# Monochromacy



**Original Color**  
425157

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
494E51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 425157 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 #425157 looks like.

```
.text, #text, p{  
    color:#425157  
}
```

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 #425157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425157
}
```

## Border

The CSS property to change the border of an element to Hex 425157 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
#425157 }
```

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

```
.border{ border-color:#425157 }
```

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

Here you see how a box with a 4 pixel #425157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425157; -webkit-box-shadow:4px 4px  
4px 4px #425157; box-shadow:4px 4px 4px  
4px #425157 }
```

# Background

The CSS property to change the background color of an element to Hex 425157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425157 }
```

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

```
.background{ background-color:#425157 }
```

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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