

# Converting Colors

Hex(434D85)

Have a look what the booklet for  
Hex(434D85) contains.

<b>Hex(434D85)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(434D85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	434D85
RGB	67, 77, 133
RGB Percent	26%, 30%, 52%
CMY	0.7373, 0.6980, 0.4784
CMYK	0.50, 0.42, 0.00, 0.48
HSL	231°, 33%, 39%
HSV	231°, 50%, 52%
XYZ	9.2023, 8.1945, 23.2870
YIQ	80.3940, -23.9360, 15.2960

# Conversions

## Conversions Part 2

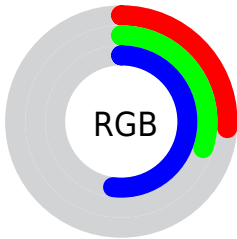
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 76, 133
Decimal	4410757
CIE <sub>Lab</sub>	34.38, 12.42, -32.73
CIE <sub>LCh</sub>	34, 35.010, 290.771
Yxy	8.1945, 0.2262, 0.2014
Android (android.graphics.Color)	4282600837 (0xFF434D85)
YUV	80.3940, 25.9348, -11.7465
Hunter-Lab	28.6260, 7.2858, -28.1936

# Details

The Hex color **434D85** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **857B43**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **777EBB**, and **0A2153** is the 20% darker color. If you saturate the color by 10%, you get **364285**, and if you desaturate by 10%, it is **505885**.

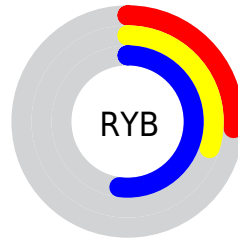
# Distribution



Red (26%)

Green (30%)

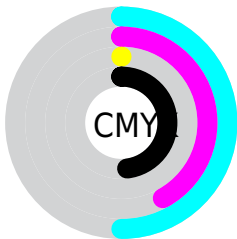
Blue (52%)



Red (26%)

Yellow (30%)

Blue (52%)

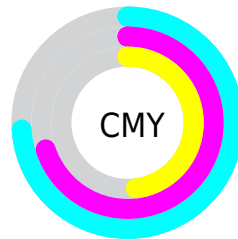


Cyan (50%)

Magenta (42%)

Yellow (0%)

Black (48%)



Cyan (74%)

Magenta (70%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 434D85 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 434D85 by changing the saturation by 10% instead.



■ 434D85

■ 434D85

FFFFFF

■ 29366B

■ 777EBB

■ 0A2153

■ 9298D6

■ 000B3B

■ ADB2F3

■ 000225

■ C9CEFF

■ 00010E

■ E6EAFF

■ 000000

■ 434D85

■ 434D85

■ 364285

■ 505885

■ 283685

■ 5E6485

■ 1B2B85

■ 6B6F85

■ 0E2085

■ 787A85

■ 011585

■ 868585

■ 001485

■ 939185

■ A09C85

■ ADA785

■ BBB385

# Harmonies

## Analogous

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



005688



434D85



6A4174

# Triad

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



434D85



7B4226



005E47

# Complementary

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



434D85



857B43

# 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.



2C5B2C



434D85



674C17

# Square

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



434D85



84393F



4D5519



005E64

# Rectangle

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



434D85



7A3B64



4D5519



005D3E



# Sweetspot

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



434D85



9397AD



43857A



474957



D6D6D6



575757



# Same Dimension

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



434D85



4555AD



594385



3C3D42



001482



000003



# Inverse Universe

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



85434D



AD4555



6F8543



423C3D



820014



030000



# Previews

## White Background



This preview shows how the Hex color 434D85 looks on a white background.

## Color Contrast Check

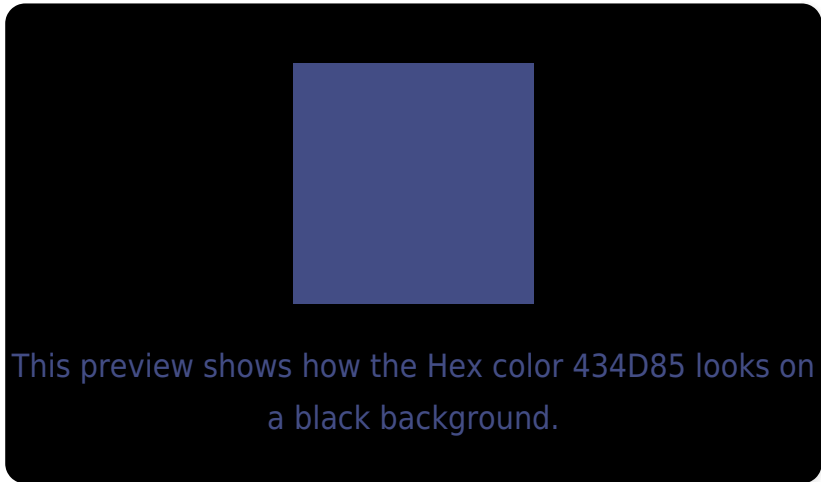
Large Text (above 18pt) WCAG AA ✓ Pass

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

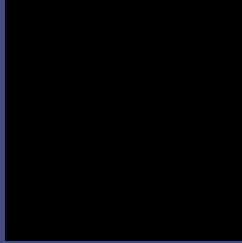
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 434D85 Background



This preview shows how black text looks on a background with the Hex color 434D85.



This preview shows how white text looks on a background with the Hex color 434D85.

# 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**  
434D85

**Protanopia**  
3A4F87

**Deuteranopia**  
315184



**Tritanopia**  
37565D

# Trichromacy



**Original Color**  
434D85

**Protanomaly**  
3D4E86

**Deuteranomaly**  
385084

**Tritanomaly**  
3B536C

# Monochromacy



**Original Color**  
434D85

**Achromatopsia**  
505050

**Achromatomaly**  
4B4F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 434D85 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 #434D85 looks like.

```
.text, #text, p{  
    color:#434D85  
}
```

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 #434D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434D85
}
```

## Border

The CSS property to change the border of an element to Hex 434D85 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
#434D85 }
```

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

```
.border{ border-color:#434D85 }
```

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

Here you see how a box with a 4 pixel #434D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434D85; -webkit-box-shadow:4px 4px  
4px 4px #434D85; box-shadow:4px 4px 4px  
4px #434D85 }
```

# Background

The CSS property to change the background color of an element to Hex 434D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434D85 }
```

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

```
.background{ background-color:#434D85 }
```

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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