

# Converting Colors

Hex(435170)

Have a look what the booklet for  
Hex(435170) contains.

<b>Hex(435170)</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(435170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	435170
RGB	67, 81, 112
RGB Percent	26%, 32%, 44%
CMY	0.7373, 0.6824, 0.5608
CMYK	0.40, 0.28, 0.00, 0.56
HSL	221°, 25%, 35%
HSV	221°, 40%, 44%
XYZ	8.1818, 8.2480, 16.4900
YIQ	80.3480, -18.2950, 6.6730

# Conversions

## Conversions Part 2

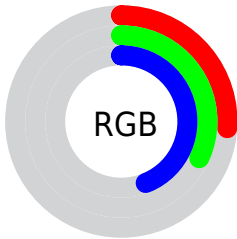
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 78, 112
Decimal	4411760
CIELab	34.49, 3.12, -19.55
CIElCh	34, 19.796, 279.077
Yxy	8.2480, 0.2485, 0.2505
Android (android.graphics.Color)	4282601840 (0xFF435170)
YUV	80.3480, 15.6044, -11.7062
Hunter-Lab	28.7193, 0.5937, -13.9395

# Details

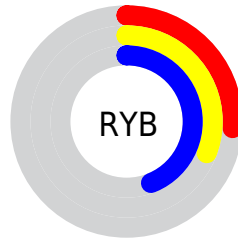
The Hex color **435170** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **706243**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7582A4**, and **132540** is the 20% darker color. If you saturate the color by 10%, you get **384970**, and if you desaturate by 10%, it is **4E5970**.

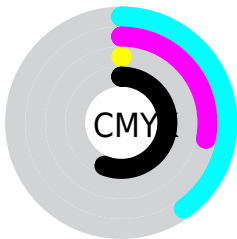
# Distribution



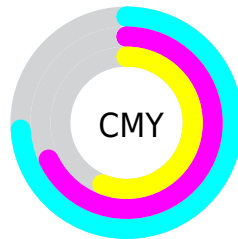
- Red (26%)
- Green (32%)
- Blue (44%)



- Red (26%)
- Yellow (31%)
- Blue (44%)



- Cyan (40%)
- Magenta (28%)
- Yellow (0%)
- Black (56%)



- Cyan (74%)
- Magenta (68%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435170 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 435170 by changing the saturation by 10% instead.



■ 435170

■ 435170

FFFFFF

■ 2B3A57

■ 7582A4

■ 132540

■ 8F9CBF

■ 000F2A

■ AAB7DB

■ 000115

■ C5D3F7

■ 000000

■ E2EFFF

FEFFFF

■ 435170

■ 435170

■ 384970

■ 4E5970

■ 2D4270

■ 596070

■ 213A70

■ 656870

■ 163270

■ 707070

■ 0B2A70

■ 7B7870

■ 002370

■ 867F70

■ 918770

■ 9D8F70

■ A89670

# Harmonies

## Analogous

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



2A566E



435170



594B6A

# Triad

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



435170



6E473E



335945

# Complementary

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



435170



706243

# 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.



465638



435170



654C34

# Square

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



435170



70454D



575232



215A56

# Rectangle

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



435170



654862



575232



395840



# Sweetspot

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



435170



808591



437062



40434A



C9C9C9



4A4A4A



# Same Dimension

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



435170



4C6191



4B4370



323438



002578



004DF7



# Inverse Universe

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



704351



914C61



687043



383234



780025



F7004D



# Previews

## White Background



This preview shows how the Hex color 435170 looks on a white background.

## Color Contrast Check

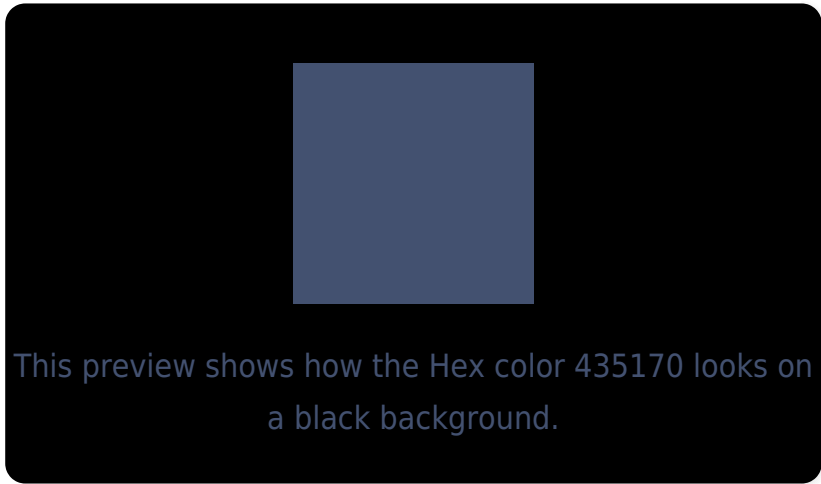
Large Text (above 18pt) WCAG AA ✓ Pass

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

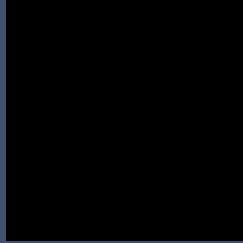
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

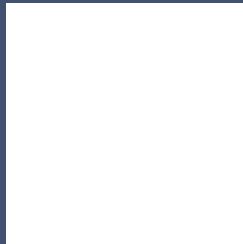
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 435170 Background



This preview shows how black text looks on a background with the Hex color 435170.

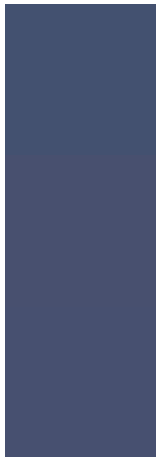


This preview shows how white text looks on a background with the Hex color 435170.

# 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](#).

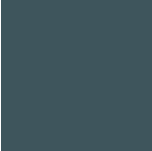
## Dichromacy



**Original Color**  
435170

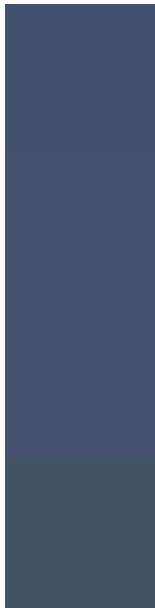
**Protanopia**  
48506F

**Deuteranopia**  
475070



**Tritanopia**  
3E555C

# Trichromacy



**Original Color**  
435170

**Protanomaly**  
46506F

**Deuteranomaly**  
465070

**Tritanomaly**  
405463

# Monochromacy



**Original Color**  
435170

**Achromatopsia**  
505050

**Achromatomaly**  
4B505C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435170 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 #435170 looks like.

```
.text, #text, p{  
    color:#435170  
}
```

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 #435170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435170
}
```

## Border

The CSS property to change the border of an element to Hex 435170 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
#435170 }
```

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

```
.border{ border-color:#435170 }
```

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

Here you see how a box with a 4 pixel #435170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435170; -webkit-box-shadow:4px 4px  
4px 4px #435170; box-shadow:4px 4px 4px  
4px #435170 }
```

# Background

The CSS property to change the background color of an element to Hex 435170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435170 }
```

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

```
.background{ background-color:#435170 }
```

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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