

Converting Colors

Hex(435070)

Have a look what the booklet for
Hex(435070) contains.

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Color

Hex(435070)

Conversions

Conversions Part 1

Format	Color
Hex	435070
RGB	67, 80, 112
RGB Percent	26%, 31%, 44%
CMY	0.7373, 0.6863, 0.5608
CMYK	0.40, 0.29, 0.00, 0.56
HSL	223°, 25%, 35%
HSV	223°, 40%, 44%
XYZ	8.1080, 8.1005, 16.4654
YIQ	79.7610, -18.0200, 7.1960

Conversions

Conversions Part 2

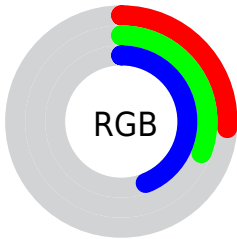
Format	Color
RYB	67, 77, 112
Decimal	4411504
CIELab	34.19, 3.76, -20.02
CIELCh	34, 20.368, 280.647
Yxy	8.1005, 0.2481, 0.2479
Android (android.graphics.Color)	4282601584 (0xFF435070)
YUV	79.7610, 15.8938, -11.1914
Hunter-Lab	28.4613, 1.0436, -14.3775

Details

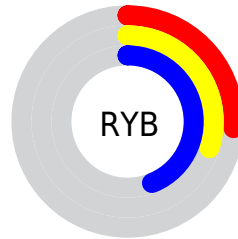
The Hex color **435070** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **706343**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7581A4**, and **132440** is the 20% darker color. If you saturate the color by 10%, you get **384870**, and if you desaturate by 10%, it is **4E5870**.

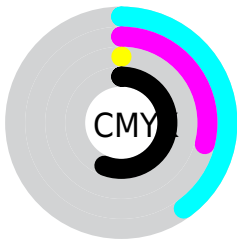
Distribution



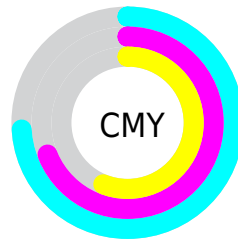
- Red (26%)
- Green (31%)
- Blue (44%)



- Red (26%)
- Yellow (30%)
- Blue (44%)



- Cyan (40%)
- Magenta (29%)
- Yellow (0%)
- Black (56%)



- Cyan (74%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435070 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 435070 by changing the saturation by 10% instead.

■ 435070

■ 435070

FFFFFF

■ 2B3957

■ 7581A4

■ 132440

■ 8F9BBF

■ 000E2A

■ AAB6DB

■ 000115

■ C5D1F7

■ 000000

■ E2EEFF

FEFFFF

■ 435070

■ 435070

■ 384870

■ 4E5870

■ 2D4070

■ 596070

■ 213870

■ 656870

■ 163070

■ 707070

■ 0B2870

■ 7B7870

■ 002070

■ 868070

■ 918870

■ 9D9070

■ A89870

Harmonies

Analogous

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



29556F



435070



5A4A69

Triad

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



435070



6E473C



305845

Complementary

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



435070



706343

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.



445637



435070



644C32

Square

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



435070



70444B



565130



1D5956

Rectangle

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



435070



654761



565130



375840

Sweetspot

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



435070



808591



437063



40434A



C9C9C9



4A4A4A

Same Dimension

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



435070



4C6091



4C4370



323438



002378



0047F7

Inverse Universe

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



704350



914C60



677043



383234



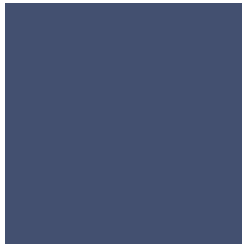
780023



F70047

Previews

White Background



This preview shows how the Hex color 435070 looks on a white background.

Color Contrast Check

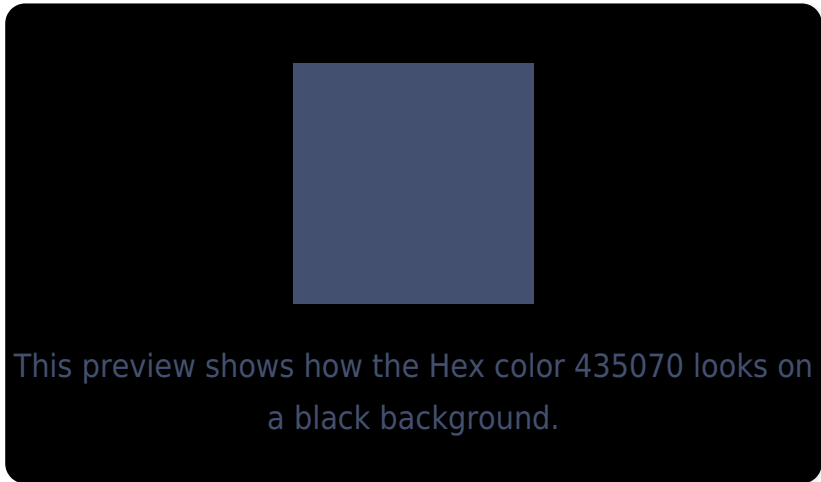
Large Text (above 18pt) WCAG AA ✓ Pass

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

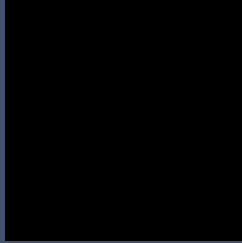
Any Text WCAG AA × Fail

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 435070 Background



This preview shows how black text looks on a background with the Hex color 435070.

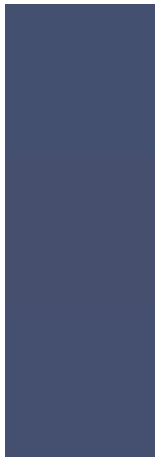


This preview shows how white text looks on a background with the Hex color 435070.

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
435070

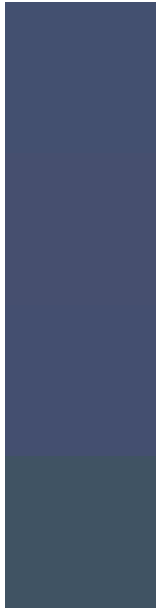
Protanopia
474F6F

Deuteranopia
454F70



Tritanopia
3E545B

Trichromacy



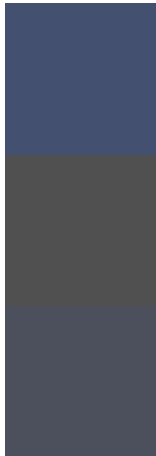
Original Color
435070

Protanomaly
464F6F

Deuteranomaly
444F70

Tritanomaly
405363

Monochromacy



Original Color
435070

Achromatopsia
505050

Achromatomaly
4B505C

CSS Examples

Text

The CSS property to change the color of the text to Hex 435070 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 #435070 looks like.

```
.text, #text, p{  
    color:#435070  
}
```

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 #435070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435070
}
```

Border

The CSS property to change the border of an element to Hex 435070 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
#435070 }
```

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

```
.border{ border-color:#435070 }
```

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

Here you see how a box with a 4 pixel #435070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435070; -webkit-box-shadow:4px 4px  
4px 4px #435070; box-shadow:4px 4px 4px  
4px #435070 }
```

Background

The CSS property to change the background color of an element to Hex 435070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435070 }
```

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

```
.background{ background-color:#435070 }
```

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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