

Converting Colors

Hex(431958)

Have a look what the booklet for
Hex(431958) contains.

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Color

Hex(431958)

Conversions

Conversions Part 1

Format	Color
Hex	431958
RGB	67, 25, 88
RGB Percent	26%, 10%, 35%
CMY	0.7373, 0.9020, 0.6549
CMYK	0.24, 0.72, 0.00, 0.65
HSL	280°, 56%, 22%
HSV	280°, 72%, 35%
XYZ	4.4238, 2.5931, 9.4999
YIQ	44.7400, 4.8090, 28.4970

Conversions

Conversions Part 2

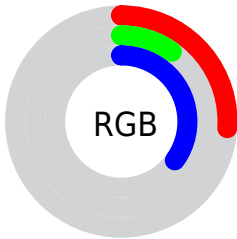
Format	Color
RYB	67, 25, 88
Decimal	4397400
CIELab	18.33, 31.86, -29.51
CIELCh	18, 43.426, 317.196
Yxy	2.5931, 0.2678, 0.1570
Android (android.graphics.Color)	4282587480 (0xFF431958)
YUV	44.7400, 21.3272, 19.5220
Hunter-Lab	16.1032, 20.8563, -23.7051

Details

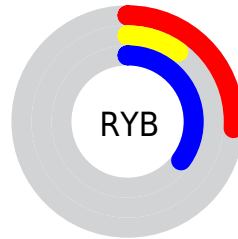
The Hex color **431958** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2E5819**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **75488A**, and **17002A** is the 20% darker color. If you saturate the color by 10%, you get **401058**, and if you desaturate by 10%, it is **462258**.

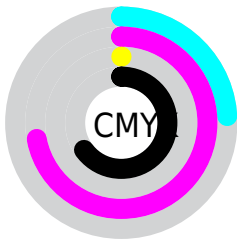
Distribution



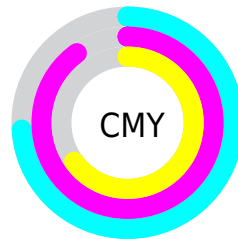
- Red (26%)
- Green (10%)
- Blue (35%)



- Red (26%)
- Yellow (10%)
- Blue (35%)



- Cyan (24%)
- Magenta (72%)
- Yellow (0%)
- Black (65%)



- Cyan (74%)
- Magenta (90%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431958 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 431958 by changing the saturation by 10% instead.

431958

431958

FFFFFF

2B0240

75488A

17002A

9060A5

000114

AB7AC0

000000

C794DC

E3AFF9

FFCBFF

FFE7FF

431958

431958

■ 401058

■ 462258

■ 3D0758

■ 492B58

■ 3B0058

■ 4C3358

■ 4F3C58

■ 524558

■ 554E58

■ 585758

■ 5A5F58

■ 5D6858

Harmonies

Analogous

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



002B6A



431958



5C003C

Triad

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



431958



432600



003A3F

Complementary

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



431958



2E5819

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.



00391E



431958



283100

Square

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



431958



581500



003600



00395B

Rectangle

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



431958



620027



003600



003A34

Sweetspot

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



431958



6B5B73



192E58



362C3B



BABABA



3B3B3B

Same Dimension

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



431958



521073



58194D



2A272B



47006B



9C00EB

Inverse Universe

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



58192E



731031



195823



2B2728



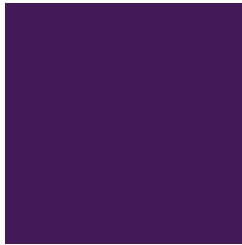
6B0024



EB004E

Previews

White Background



This preview shows how the Hex color 431958 looks on a white background.

Color Contrast Check

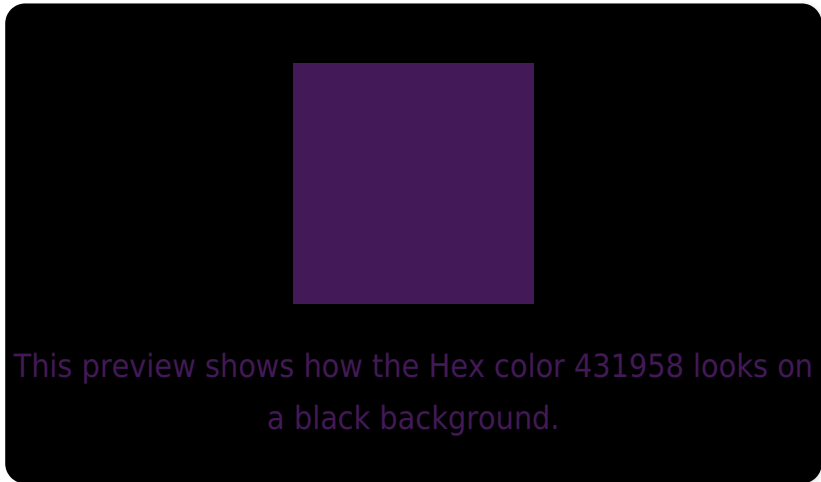
Large Text (above 18pt) WCAG AA ✓ Pass

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

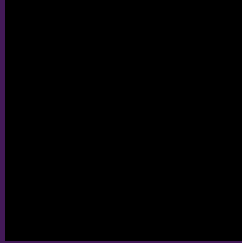
Any Text WCAG AA × Fail

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 431958 Background



This preview shows how black text looks on a background with the Hex color 431958.



This preview shows how white text looks on a background with the Hex color 431958.

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](#).

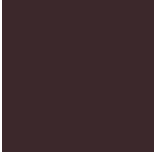
Dichromacy



Original Color
431958

Protanopia
002C5E

Deuteranopia
002F53



Tritanopia
3C282B

Trichromacy



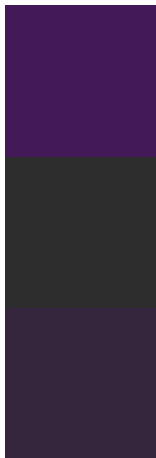
Original Color
431958

Protanomaly
18255C

Deuteranomaly
182755

Tritanomaly
3F233B

Monochromacy



Original Color
431958

Achromatopsia
2D2D2D

Achromatomaly
35263D

CSS Examples

Text

The CSS property to change the color of the text to Hex 431958 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 #431958 looks like.

```
.text, #text, p{  
    color:#431958  
}
```

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 #431958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431958
}
```

Border

The CSS property to change the border of an element to Hex 431958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

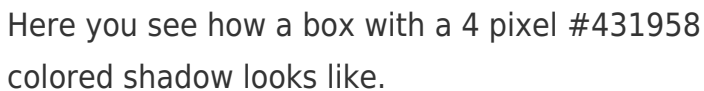
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#431958 }
```

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

```
.border{ border-color:#431958 }
```

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



Here you see how a box with a 4 pixel #431958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431958; -webkit-box-shadow:4px 4px  
4px 4px #431958; box-shadow:4px 4px 4px  
4px #431958 }
```

Background

The CSS property to change the background color of an element to Hex 431958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431958 }
```

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

```
.background{ background-color:#431958 }
```

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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