

Converting Colors

Hex(431564)

Have a look what the booklet for
Hex(431564) contains.

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Color

Hex(431564)

Conversions

Conversions Part 1

Format	Color
Hex	431564
RGB	67, 21, 100
RGB Percent	26%, 8%, 39%
CMY	0.7373, 0.9176, 0.6078
CMYK	0.33, 0.79, 0.00, 0.61
HSL	275°, 65%, 24%
HSV	275°, 79%, 39%
XYZ	4.8832, 2.6497, 12.3107
YIQ	43.7600, 2.0570, 34.3210

Conversions

Conversions Part 2

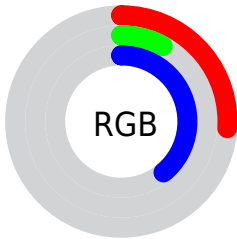
Format	Color
RYB	67, 21, 100
Decimal	4396388
CIELab	18.58, 36.81, -37.08
CIElCh	19, 52.254, 314.790
Yxy	2.6497, 0.2461, 0.1335
Android (android.graphics.Color)	4282586468 (0xFF431564)
YUV	43.7600, 27.7263, 20.3815
Hunter-Lab	16.2780, 25.0610, -33.4451

Details

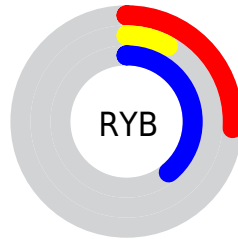
The Hex color **431564** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **366415**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **774598**, and **160035** is the 20% darker color. If you saturate the color by 10%, you get **3F0B64**, and if you desaturate by 10%, it is **471F64**.

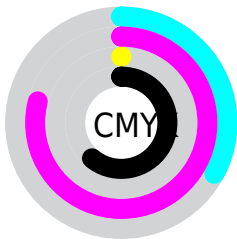
Distribution



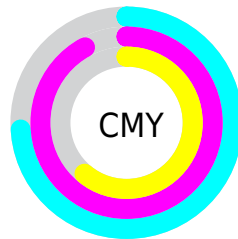
- Red (26%)
- Green (8%)
- Blue (39%)



- Red (26%)
- Yellow (8%)
- Blue (39%)



- Cyan (33%)
- Magenta (79%)
- Yellow (0%)
- Black (61%)



- Cyan (74%)
- Magenta (92%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431564 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 431564 by changing the saturation by 10% instead.

■ 431564

■ 431564

FFFFFF

■ 2A004C

■ 774598

■ 160035

■ 915EB3

■ 00021E

■ AD77CE

■ 000000

■ C992EB

■ E5ACFF

■ FFC8FF

■ FFE4FF

■ 431564

■ 431564

■ 3F0B64

■ 471F64

■ 3B0164

■ 4B2964

■ 3A0064

■ 503364

■ 543D64

■ 584764

■ 5C5164

■ 605B64

■ 646564

■ 696F64

Harmonies

Analogous

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



002C78



431564



640042

Triad

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



431564



482400



003C40

Complementary

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



431564



366415

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.



003B18



431564



283100

Square

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



431564



600700



003800



003B63

Rectangle

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



431564



6B0029



003800



003C33

Sweetspot

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



431564



756382



153764



3A2F42



C2C2C2



424242

Same Dimension

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



431564



4E0782



64155F



312E33



430073



8D00F2

Inverse Universe

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



641536



82073A



15641A



332E30



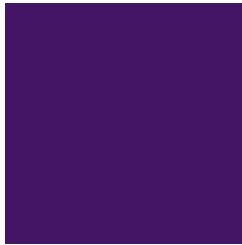
730030



F20065

Previews

White Background



This preview shows how the Hex color 431564 looks on a white background.

Color Contrast Check

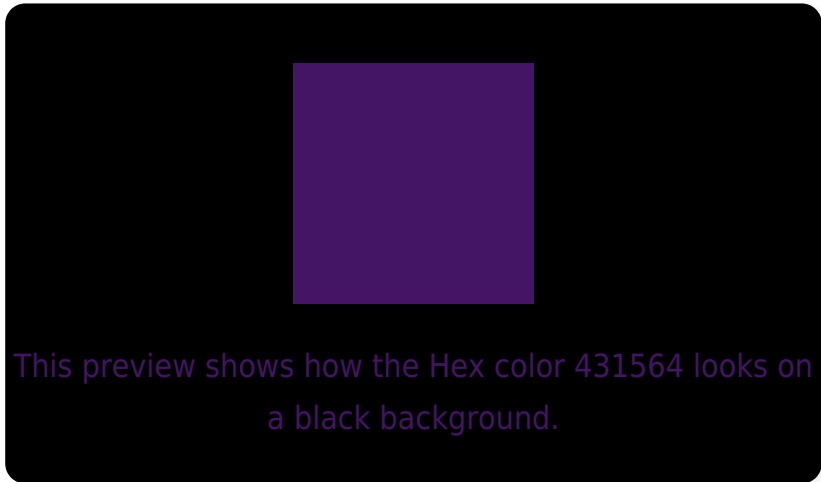
Large Text (above 18pt) WCAG AA ✓ Pass

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

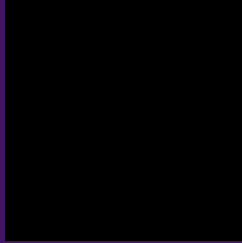
Any Text WCAG AA × Fail

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 431564 Background



This preview shows how black text looks on a background with the Hex color 431564.



This preview shows how white text looks on a background with the Hex color 431564.

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
431564

Protanopia
002D5F

Deuteranopia
003053



Tritanopia
392B2E

Trichromacy



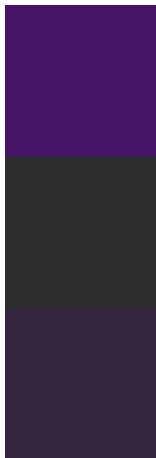
Original Color
431564

Protanomaly
182461

Deuteranomaly
182659

Tritanomaly
3D2342

Monochromacy



Original Color
431564

Achromatopsia
2C2C2C

Achromatomaly
342440

CSS Examples

Text

The CSS property to change the color of the text to Hex 431564 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 #431564 looks like.

```
.text, #text, p{  
    color:#431564  
}
```

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 #431564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431564
}
```

Border

The CSS property to change the border of an element to Hex 431564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

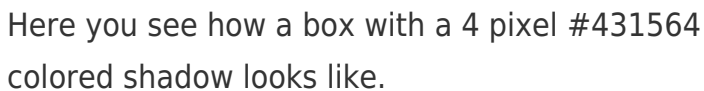
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#431564 }
```

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

```
.border{ border-color:#431564 }
```

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



Here you see how a box with a 4 pixel #431564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431564; -webkit-box-shadow:4px 4px  
4px 4px #431564; box-shadow:4px 4px 4px  
4px #431564 }
```

Background

The CSS property to change the background color of an element to Hex 431564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431564 }
```

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

```
.background{ background-color:#431564 }
```

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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