

Converting Colors

Hex(434465)

Have a look what the booklet for
Hex(434465) contains.

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Color

Hex(434465)

Conversions

Conversions Part 1

Format	Color
Hex	434465
RGB	67, 68, 101
RGB Percent	26%, 27%, 40%
CMY	0.7373, 0.7333, 0.6039
CMYK	0.34, 0.33, 0.00, 0.60
HSL	238°, 20%, 33%
HSV	238°, 34%, 40%
XYZ	6.7308, 6.2671, 13.1668
YIQ	71.4630, -11.1890, 10.0510

Conversions

Conversions Part 2

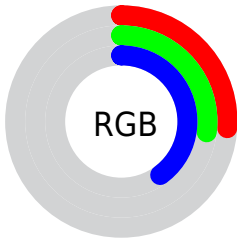
Format	Color
R_{YB}	67, 68, 101
Decimal	4408421
CIE Lab	30.08, 8.26, -19.46
CIE LCh	30, 21.138, 292.989
Yxy	6.2671, 0.2572, 0.2395
Android (android.graphics.Color)	4282598501 (0xFF434465)
YUV	71.4630, 14.5617, -3.9141
Hunter-Lab	25.0342, 4.1825, -13.6598

Details

The Hex color **434465** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **656443**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **747498**, and **151936** is the 20% darker color. If you saturate the color by 10%, you get **393A65**, and if you desaturate by 10%, it is **4D4E65**.

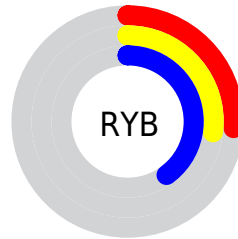
Distribution



Red (26%)

Green (27%)

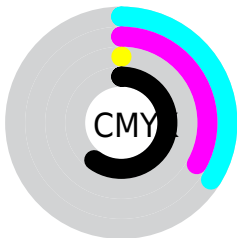
Blue (40%)



Red (26%)

Yellow (27%)

Blue (40%)

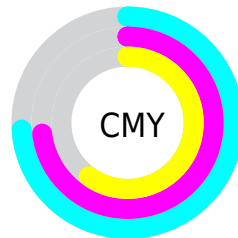


Cyan (34%)

Magenta (33%)

Yellow (0%)

Black (60%)



Cyan (74%)

Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434465 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 434465 by changing the saturation by 10% instead.



434465



434465

FFFFFF



2C2E4D



747498



151936



8E8EB3



000021



A9A8CE



000006



C4C3EB



000000



E0DFFF



FDFCFF



434465



434465



393A65



4D4E65

■ 2F3065

■ 575865

■ 252765

■ 616165

■ 1B1D65

■ 6B6B65

■ 111365

■ 767565

■ 060965

■ 807F65

■ 000365

■ 8A8965

■ 949265

■ 9E9C65

Harmonies

Analogous

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



274A67



434465



583E5B

Triad

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



434465



613F2D



1B4F42

Complementary

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



434465



656443

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.



324D32



434465



554526

Square

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



434465



673B3B



454A28



004F53

Rectangle

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



434465



613B51



454A28



234F3D

Sweetspot

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



434465



757582



436564



3A3B42



C2C2C2



424242

Same Dimension

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



434465



4E5082



534365



2E2E33



000373



0007F2

Inverse Universe

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



654344



824E50



556543



332E2E



730003



F20007

Previews

White Background



This preview shows how the Hex color 434465 looks on a white background.

Color Contrast Check

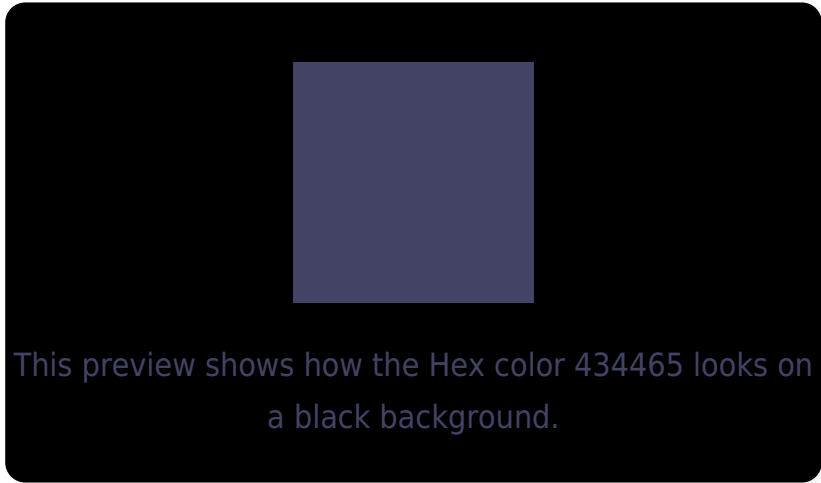
Large Text (above 18pt) WCAG AA ✓ Pass

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

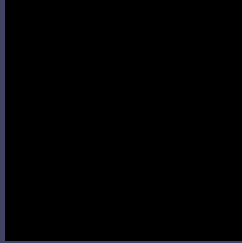
Any Text WCAG AA × Fail

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 434465 Background



This preview shows how black text looks on a background with the Hex color 434465.

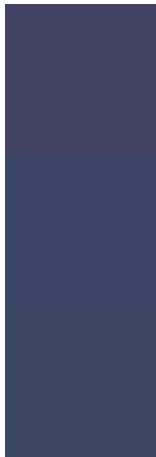


This preview shows how white text looks on a background with the Hex color 434465.

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
434465

Protanopia
3C4666

Deuteranopia
3C4665



Tritanopia
3E484E

Trichromacy



Original Color
434465

Protanomaly
3F4566

Deuteranomaly
3F4565

Tritanomaly
404756

Monochromacy



Original Color
434465

Achromatopsia
474747

Achromatomaly
464652

CSS Examples

Text

The CSS property to change the color of the text to Hex 434465 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 #434465 looks like.

```
.text, #text, p{  
    color:#434465  
}
```

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 #434465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434465
}
```

Border

The CSS property to change the border of an element to Hex 434465 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
#434465 }
```

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

```
.border{ border-color:#434465 }
```

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

Here you see how a box with a 4 pixel #434465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434465; -webkit-box-shadow:4px 4px  
4px 4px #434465; box-shadow:4px 4px 4px  
4px #434465 }
```

Background

The CSS property to change the background color of an element to Hex 434465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434465 }
```

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

```
.background{ background-color:#434465 }
```

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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