

Converting Colors

Hex(434360)

Have a look what the booklet for
Hex(434360) contains.

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Color

Hex(434360)

Conversions

Conversions Part 1

Format	Color
Hex	434360
RGB	67, 67, 96
RGB Percent	26%, 26%, 38%
CMY	0.7373, 0.7373, 0.6235
CMYK	0.30, 0.30, 0.00, 0.62
HSL	240°, 18%, 32%
HSV	240°, 30%, 38%
XYZ	6.4332, 6.0521, 11.8954
YIQ	70.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

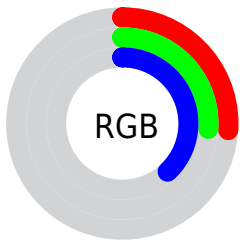
Format	Color
R _Y B	67, 67, 96
Decimal	4408160
CIE Lab	29.54, 7.46, -17.09
CIE LCh	30, 18.643, 293.581
Yxy	6.0521, 0.2639, 0.2482
Android (android.graphics.Color)	4282598240 (0xFF434360)
YUV	70.3060, 12.6671, -2.8994
Hunter-Lab	24.6011, 3.6261, -11.4479

Details

The Hex color **434360** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **606043**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **747393**, and **161832** is the 20% darker color. If you saturate the color by 10%, you get **393960**, and if you desaturate by 10%, it is **4D4D60**.

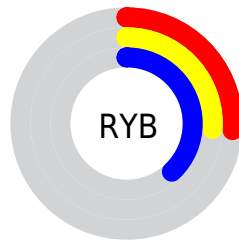
Distribution



Red (26%)

Green (26%)

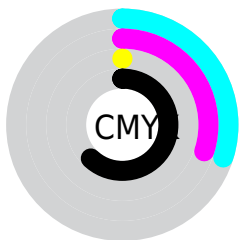
Blue (38%)



Red (26%)

Yellow (26%)

Blue (38%)

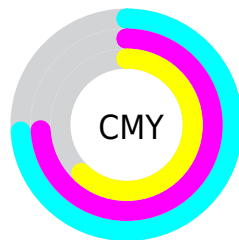


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (74%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434360 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 434360 by changing the saturation by 10% instead.

■ 434360

■ 434360

FFFFFF

■ 2C2D48

■ 747393

■ 161832

■ 8E8CAD

■ 00001D

■ A8A7C9

■ 000000

■ C4C2E5

■ E0DEFF

■ FCFAFF

■ 434360

■ 434360

■ 393960

■ 4D4D60

■ 303060

■ 565660

■ 262660

■ 606060

■ 1D1D60

■ 696960

■ 131360

■ 737360

■ 090960

■ 7D7D60

■ 000060

■ 868660

■ 909060

■ 999960

Harmonies

Analogous

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



2C4862



434360



553E57

Triad

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



434360



5D3F2F



214D42

Complementary

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



434360



606043

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.



334C34



434360



524429

Square

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



434360



623B3B



44482B



114D51

Rectangle

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



434360



5D3B4E



44482B



274D3D

Sweetspot

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



434360



72727D



436060



393940



BFBFBF



404040

Same Dimension

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



434360



50507D



524360



2C2C30



000070



0000F0

Inverse Universe

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



604360



7D507D



526043



302C30



700070



F000F0

Previews

White Background



This preview shows how the Hex color 434360 looks on a white background.

Color Contrast Check

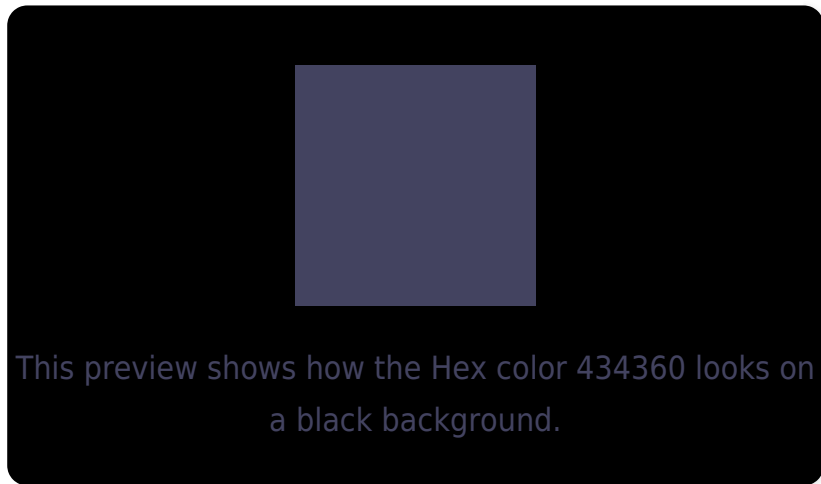
Large Text (above 18pt) WCAG AA ✓ Pass

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

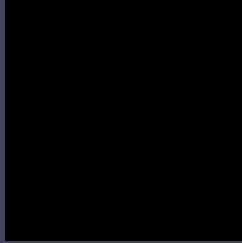
Any Text WCAG AA × Fail

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 434360 Background



This preview shows how black text looks on a background with the Hex color 434360.

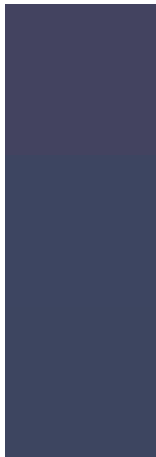


This preview shows how white text looks on a background with the Hex color 434360.

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
434360

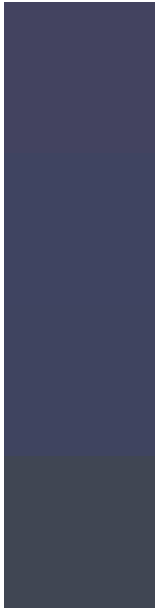
Protanopia
3D4561

Deuteranopia
3D4560



Tritanopia
3F474C

Trichromacy



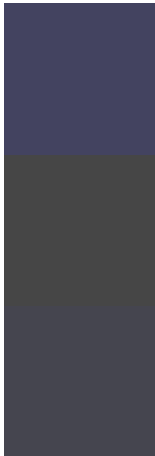
Original Color
434360

Protanomaly
3F4461

Deuteranomaly
3F4460

Tritanomaly
404653

Monochromacy



Original Color
434360

Achromatopsia
464646

Achromatomaly
45454F

CSS Examples

Text

The CSS property to change the color of the text to Hex 434360 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 #434360 looks like.

```
.text, #text, p{  
    color:#434360  
}
```

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 #434360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434360
}
```

Border

The CSS property to change the border of an element to Hex 434360 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
#434360 }
```

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

```
.border{ border-color:#434360 }
```

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

Here you see how a box with a 4 pixel #434360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434360; -webkit-box-shadow:4px 4px  
4px 4px #434360; box-shadow:4px 4px 4px  
4px #434360 }
```

Background

The CSS property to change the background color of an element to Hex 434360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434360 }
```

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

```
.background{ background-color:#434360 }
```

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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