

# Converting Colors

Hex(463469)

Have a look what the booklet for  
Hex(463469) contains.

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# Color

**Hex(463469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	463469
RGB	70, 52, 105
RGB Percent	27%, 20%, 41%
CMY	0.7255, 0.7961, 0.5882
CMYK	0.33, 0.50, 0.00, 0.59
HSL	260°, 34%, 31%
HSV	260°, 50%, 41%
XYZ	6.3036, 4.7780, 13.9546
YIQ	63.4240, -6.2850, 20.2990

# Conversions

## Conversions Part 2

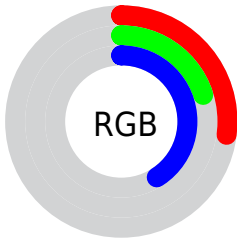
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 52, 105
Decimal	4600937
CIE <sub>Lab</sub>	26.09, 20.95, -28.26
CIE <sub>LCh</sub>	26, 35.183, 306.555
Yxy	4.7780, 0.2518, 0.1908
Android (android.graphics.Color)	4282791017 (0xFF463469)
YUV	63.4240, 20.4970, 5.7672
Hunter-Lab	21.8586, 13.2232, -22.5499

# Details

The Hex color **463469** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576934**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **78639D**, and **170939** is the 20% darker color. If you saturate the color by 10%, you get **3F2A69**, and if you desaturate by 10%, it is **4D3F69**.

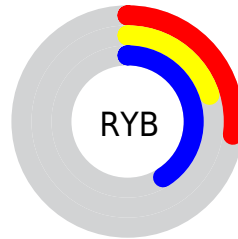
# Distribution



Red (27%)

Green (20%)

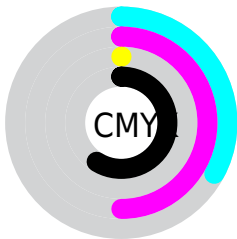
Blue (41%)



Red (27%)

Yellow (20%)

Blue (41%)

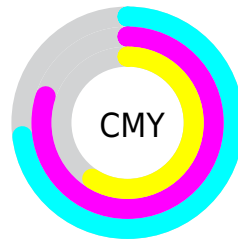


Cyan (33%)

Magenta (50%)

Yellow (0%)

Black (59%)



Cyan (73%)

Magenta (80%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 463469 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 463469 by changing the saturation by 10% instead.





463469



463469

FFFFFF



2E1E51



78639D



170939



927CB8



000023



AD96D3



00000A



C9B1F0



000000



E6CCFF



FFE8FF



463469



463469



3F2A69



4D3F69

■ 381F69

■ 544969

■ 311469

■ 5B5469

■ 2A0A69

■ 625E69

■ 240069

■ 696969

■ 707369

■ 777E69

■ 7D8869

■ 849369

# Harmonies

## Analogous

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



003F73



463469



622854

# Triad

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



463469



5C3509



004A43

# Complementary

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



463469



576934

# 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.



004927



463469



463E00

# Square

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



463469



6A291F



29450E



004A5D

# Rectangle

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



463469



6C2342



29450E



004A3A



# Sweetspot

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



463469



7C758A



345769



3D3845



C4C4C4



454545



# Same Dimension

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



463469



52368A



603469



323036



280075



5300F5



# Inverse Universe

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



693457



8A366D



3D6934



363034



75004D



F500A2



# Previews

## White Background



This preview shows how the Hex color 463469 looks on a white background.

## Color Contrast Check

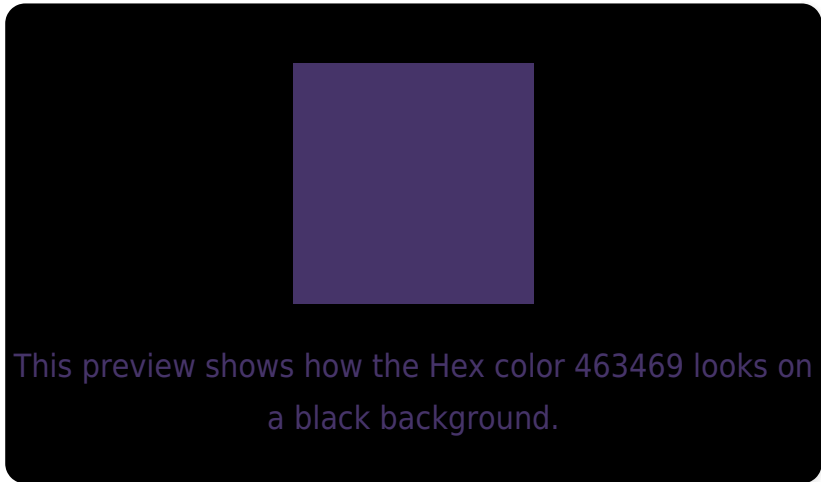
Large Text (above 18pt) WCAG AA ✓ Pass

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

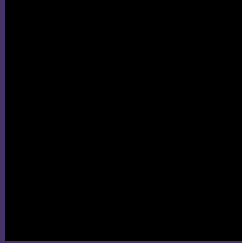
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 463469 Background



This preview shows how black text looks on a background with the Hex color 463469.



This preview shows how white text looks on a background with the Hex color 463469.

# 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**  
463469

**Protanopia**  
243C71

**Deuteranopia**  
233E67



**Tritanopia**  
3E3D42

# Trichromacy



**Original Color**  
463469

**Protanomaly**  
30396E

**Deuteranomaly**  
303A68

**Tritanomaly**  
413A50

# Monochromacy



**Original Color**  
463469

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
423B4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 463469 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 #463469 looks like.

```
.text, #text, p{  
    color:#463469  
}
```

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 #463469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463469
}
```

## Border

The CSS property to change the border of an element to Hex 463469 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
#463469 }
```

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

```
.border{ border-color:#463469 }
```

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

Here you see how a box with a 4 pixel #463469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463469; -webkit-box-shadow:4px 4px  
4px 4px #463469; box-shadow:4px 4px 4px  
4px #463469 }
```

# Background

The CSS property to change the background color of an element to Hex 463469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463469 }
```

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

```
.background{ background-color:#463469 }
```

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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