

# Converting Colors

Hex(463876)

Have a look what the booklet for  
Hex(463876) contains.

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# Color

**Hex(463876)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	463876
RGB	70, 56, 118
RGB Percent	27%, 22%, 46%
CMY	0.7255, 0.7804, 0.5373
CMYK	0.41, 0.53, 0.00, 0.54
HSL	254°, 36%, 34%
HSV	254°, 53%, 46%
XYZ	7.2100, 5.4384, 17.8093
YIQ	67.2540, -11.5580, 22.2500

# Conversions

## Conversions Part 2

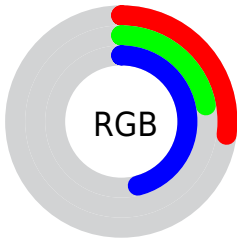
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 56, 118
Decimal	4601974
CIE <sub>Lab</sub>	27.95, 22.22, -33.60
CIE <sub>LCh</sub>	28, 40.286, 303.478
Yxy	5.4384, 0.2367, 0.1786
Android (android.graphics.Color)	4282792054 (0xFF463876)
YUV	67.2540, 25.0178, 2.4082
Hunter-Lab	23.3205, 14.3759, -28.9540

# Details

The Hex color **463876** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **687638**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7967AB**, and **130E45** is the 20% darker color. If you saturate the color by 10%, you get **3D2C76**, and if you desaturate by 10%, it is **4F4476**.

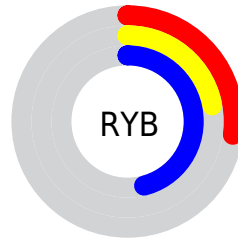
# Distribution



Red (27%)

Green (22%)

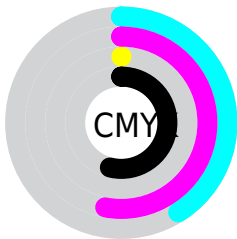
Blue (46%)



Red (27%)

Yellow (22%)

Blue (46%)

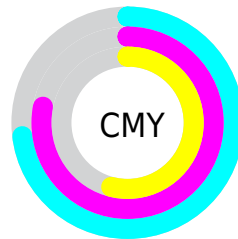


Cyan (41%)

Magenta (53%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (78%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 463876 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 463876 by changing the saturation by 10% instead.



■ 463876

■ 463876

FFFFFF

■ 2D225D

■ 7967AB

■ 130E45

■ 9480C6

■ 00002E

■ AF9BE2

■ 000119

■ CBB5FF

■ 000000

■ E7D1FF

■ FFEDFF

■ 463876

■ 463876

■ 3D2C76

■ 4F4476

■ 342076

■ 585076

■ 2B1576

■ 615B76

■ 210976

■ 6B6776

■ 1B0076

■ 747376

■ 7D7F76

■ 868B76

■ 8F9676

■ 98A276

# Harmonies

## Analogous

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



004580



463876



6A295E

# Triad

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



463876



663605



005045

# Complementary

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



463876



687638

# 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.



004E25



463876



4D4200

# Square

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



463876



752822



2D4A06



005063

# Rectangle

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



463876



75224A



2D4A06



00503A



# Sweetspot

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



463876



868199



386976



413E4D



CCCCCC



4D4D4D



# Same Dimension

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



463876



4E3999



643876



36353B



1C007A



3800FA



# Inverse Universe

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



763868



993983



4A7638



3B3539



7A005F



FA00C1



# Previews

## White Background



This preview shows how the Hex color 463876 looks on a white background.

## Color Contrast Check

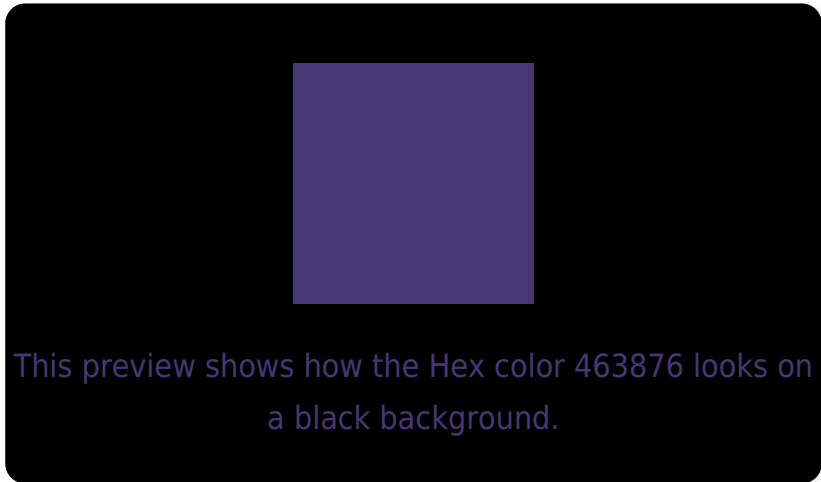
Large Text (above 18pt) WCAG AA ✓ Pass

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

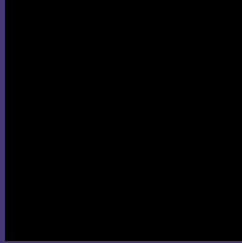
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 463876 Background



This preview shows how black text looks on a background with the Hex color 463876.



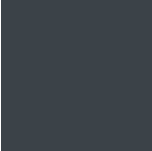
This preview shows how white text looks on a background with the Hex color 463876.

# 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





**Tritanopia**  
3B4349

# Trichromacy



**Original Color**  
463876

**Protanomaly**  
2D3D7B

**Deuteranomaly**  
293F75

**Tritanomaly**  
3F3F59

# Monochromacy



**Original Color**  
463876

**Achromatopsia**  
434343

**Achromatomaly**  
443F56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 463876 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 #463876 looks like.

```
.text, #text, p{  
    color:#463876  
}
```

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 #463876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463876
}
```

## Border

The CSS property to change the border of an element to Hex 463876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

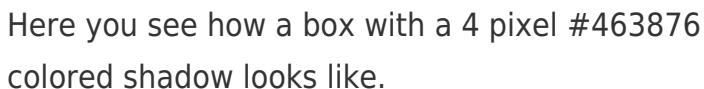
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463876 }
```

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

```
.border{ border-color:#463876 }
```

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



Here you see how a box with a 4 pixel #463876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463876; -webkit-box-shadow:4px 4px  
4px 4px #463876; box-shadow:4px 4px 4px  
4px #463876 }
```

# Background

The CSS property to change the background color of an element to Hex 463876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463876 }
```

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

```
.background{ background-color:#463876 }
```

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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