

Converting Colors

Hex(463363)

Have a look what the booklet for
Hex(463363) contains.

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Color

Hex(463363)

Conversions

Conversions Part 1

Format	Color
Hex	463363
RGB	70, 51, 99
RGB Percent	27%, 20%, 39%
CMY	0.7255, 0.8000, 0.6118
CMYK	0.29, 0.48, 0.00, 0.61
HSL	264°, 32%, 29%
HSV	264°, 48%, 39%
XYZ	5.9617, 4.5706, 12.3724
YIQ	62.1530, -4.0840, 18.9560

Conversions

Conversions Part 2

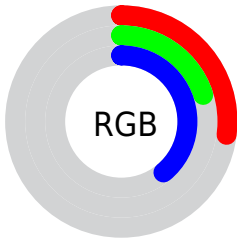
Format	Color
R_{YB}	70, 51, 99
Decimal	4600675
CIE _{Lab}	25.47, 19.89, -25.36
CIE _{LCh}	25, 32.233, 308.107
Yxy	4.5706, 0.2603, 0.1995
Android (android.graphics.Color)	4282790755 (0xFF463363)
YUV	62.1530, 18.1656, 6.8818
Hunter-Lab	21.3790, 12.3634, -19.3469

Details

The Hex color **463363** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **506333**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **786296**, and **180734** is the 20% darker color. If you saturate the color by 10%, you get **402963**, and if you desaturate by 10%, it is **4C3D63**.

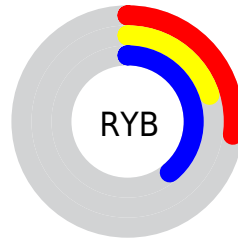
Distribution



Red (27%)

Green (20%)

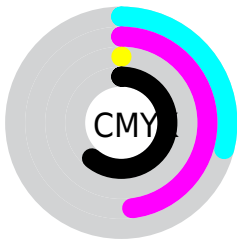
Blue (39%)



Red (27%)

Yellow (20%)

Blue (39%)

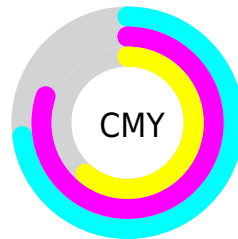


Cyan (29%)

Magenta (48%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (80%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463363 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 463363 by changing the saturation by 10% instead.

463363

463363

FFFFFF

2E1D4B

786296

180734

927BB1

00011E

AD95CC

000001

C8AFE9

000000

E5CBFF

FFE7FF

463363

463363

402963

4C3D63

■ 3A1F63

■ 524763

■ 341563

■ 585163

■ 2E0B63

■ 5E5B63

■ 280263

■ 646563

■ 270063

■ 6A6E63

■ 707863

■ 768263

■ 7C8C63

Harmonies

Analogous

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



133D6D



463363



5F294F

Triad

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



463363



57350D



004843

Complementary

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



463363



506333

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.



004729



463363



433D06

Square

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



463363



652B1F



294313



00475A

Rectangle

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



463363



67253F



294313



00483A

Sweetspot

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



463363



746C80



335163



393440



BFBFBF



404040

Same Dimension

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



463363



533680



5D3363



2E2C30



2C0070



5F00F0

Inverse Universe

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



633350



803662



396333



302C2F



700044



F00091

Previews

White Background



This preview shows how the Hex color 463363 looks on a white background.

Color Contrast Check

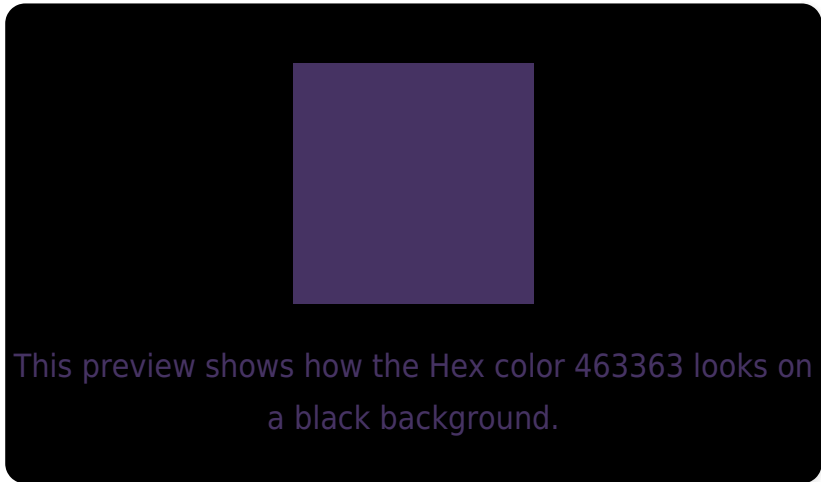
Large Text (above 18pt) WCAG AA ✓ Pass

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

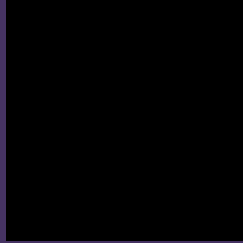
Any Text WCAG AA × Fail

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 463363 Background



This preview shows how black text looks on a background with the Hex color 463363.

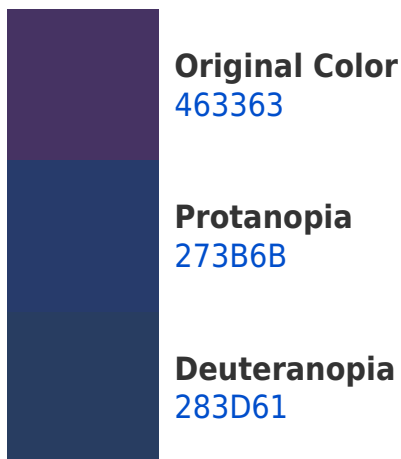


This preview shows how white text looks on a background with the Hex color 463363.

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
3F3B40

Trichromacy



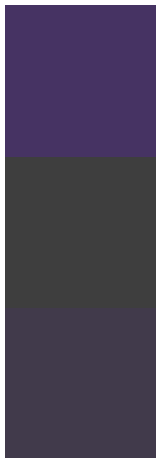
Original Color
463363

Protanomaly
323868

Deuteranomaly
333962

Tritanomaly
42384D

Monochromacy



Original Color
463363

Achromatopsia
3E3E3E

Achromatomaly
413A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 463363 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 #463363 looks like.

```
.text, #text, p{  
    color:#463363  
}
```

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 #463363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463363
}
```

Border

The CSS property to change the border of an element to Hex 463363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

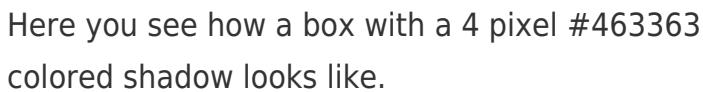
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463363 }
```

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

```
.border{ border-color:#463363 }
```

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



Here you see how a box with a 4 pixel #463363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463363; -webkit-box-shadow:4px 4px  
4px 4px #463363; box-shadow:4px 4px 4px  
4px #463363 }
```

Background

The CSS property to change the background color of an element to Hex 463363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463363 }
```

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

```
.background{ background-color:#463363 }
```

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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