

Converting Colors

Hex(463A98)

Have a look what the booklet for
Hex(463A98) contains.

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Color

Hex(463A98)

Conversions

Conversions Part 1

Format	Color
Hex	463A98
RGB	70, 58, 152
RGB Percent	27%, 23%, 60%
CMY	0.7255, 0.7725, 0.4039
CMYK	0.54, 0.62, 0.00, 0.40
HSL	248°, 45%, 41%
HSV	248°, 62%, 60%
XYZ	9.7063, 6.5952, 30.4672
YIQ	72.3040, -23.0220, 31.7780

Conversions

Conversions Part 2

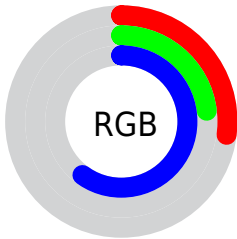
Format	Color
R_{YB}	70, 58, 152
Decimal	4602520
CIE _{Lab}	30.87, 31.70, -50.01
CIE _{LCh}	31, 59.207, 302.367
Yxy	6.5952, 0.2075, 0.1410
Android (android.graphics.Color)	4282792600 (0xFF463A98)
YUV	72.3040, 39.2901, -2.0206
Hunter-Lab	25.6811, 22.5232, -52.3628

Details

The Hex color **463A98** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C983A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7D6ACF**, and **000F64** is the 20% darker color. If you saturate the color by 10%, you get **392B98**, and if you desaturate by 10%, it is **534998**.

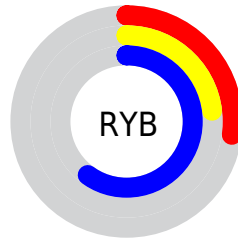
Distribution



Red (27%)

Green (23%)

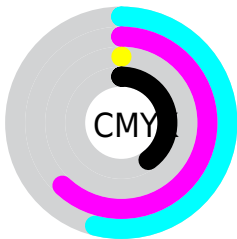
Blue (60%)



Red (27%)

Yellow (23%)

Blue (60%)

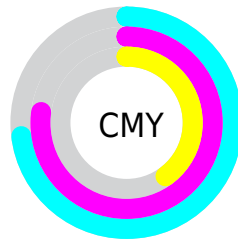


Cyan (54%)

Magenta (62%)

Yellow (0%)

Black (40%)



Cyan (73%)

Magenta (77%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463A98 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 463A98 by changing the saturation by 10% instead.

■ 463A98

■ 463A98

FFFFFF

■ 29247E

■ 7D6ACF

■ 000F64

■ 9983EC

■ 00004C

■ B59DFF

■ 000434

■ D2B8FF

■ 00021E

■ EFD4FF

■ 000000

■ FFF1FF

■ 463A98

■ 463A98

■ 392B98

■ 534998

■ 2B1C98

■ 615898

■ 1E0C98

■ 6E6898

■ 130098

■ 7B7798

■ 888698

■ 969598

■ A3A498

■ B0B498

■ BDC398

Harmonies

Analogous

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



004EA7



463A98



811974

Triad

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



463A98



7A3400



005B4B

Complementary

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



463A98



8C983A

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.



005919



463A98



574800

Square

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



463A98



91131A



265300



005C79

Rectangle

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



463A98



920057



265300



005B3B

Sweetspot

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



463A98



A49FC4



3A8D98



4F4D63



E3E3E3



636363

Same Dimension

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



463A98



4633C4



743A98



46454D



12008C



02000D

Inverse Universe

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



983A8C



C433B2



5E983A



4D454C



8C007A



0D000B

Previews

White Background



This preview shows how the Hex color 463A98 looks on a white background.

Color Contrast Check

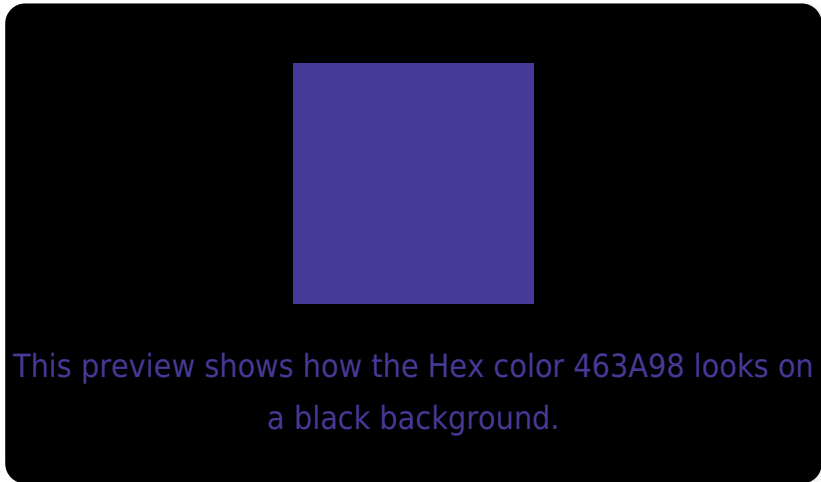
Large Text (above 18pt) WCAG AA ✓ Pass

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

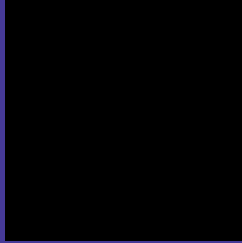
Any Text WCAG AA × Fail

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 463A98 Background



This preview shows how black text looks on a background with the Hex color 463A98.

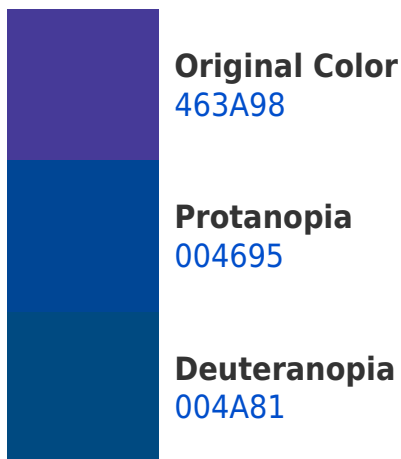


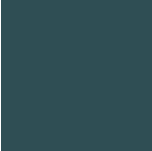
This preview shows how white text looks on a background with the Hex color 463A98.

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
2F4E54

Trichromacy



Original Color
463A98

Protanomaly
194296

Deuteranomaly
194489

Tritanomaly
37476D

Monochromacy



Original Color
463A98

Achromatopsia
484848

Achromatomaly
474365

CSS Examples

Text

The CSS property to change the color of the text to Hex 463A98 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 #463A98 looks like.

```
.text, #text, p{  
    color:#463A98  
}
```

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 #463A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463A98
}
```

Border

The CSS property to change the border of an element to Hex 463A98 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
#463A98 }
```

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

```
.border{ border-color:#463A98 }
```

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

Here you see how a box with a 4 pixel #463A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463A98; -webkit-box-shadow:4px 4px  
4px 4px #463A98; box-shadow:4px 4px 4px  
4px #463A98 }
```

Background

The CSS property to change the background color of an element to Hex 463A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463A98 }
```

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

```
.background{ background-color:#463A98 }
```

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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