

# Converting Colors

Hex(463A95)

Have a look what the booklet for  
Hex(463A95) contains.

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# Color

Hex(463A95)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	463A95
RGB	70, 58, 149
RGB Percent	27%, 23%, 58%
CMY	0.7255, 0.7725, 0.4157
CMYK	0.53, 0.61, 0.00, 0.42
HSL	248°, 44%, 41%
HSV	248°, 61%, 58%
XYZ	9.4637, 6.4981, 29.1892
YIQ	71.9620, -22.0590, 30.8450

# Conversions

## Conversions Part 2

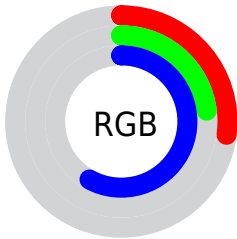
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 58, 149
Decimal	4602517
CIE <sub>Lab</sub>	30.64, 30.73, -48.55
CIE <sub>LCh</sub>	31, 57.459, 302.329
Yxy	6.4981, 0.2096, 0.1439
Android (android.graphics.Color)	4282792597 (0xFF463A95)
YUV	71.9620, 37.9797, -1.7207
Hunter-Lab	25.4914, 21.6579, -50.0467

# Details

The Hex color **463A95** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **89953A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7D6ACC**, and **000F61** is the 20% darker color. If you saturate the color by 10%, you get **392B95**, and if you desaturate by 10%, it is **534995**.

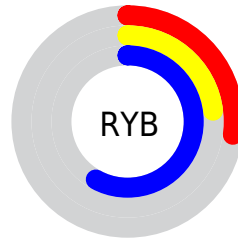
# Distribution



Red (27%)

Green (23%)

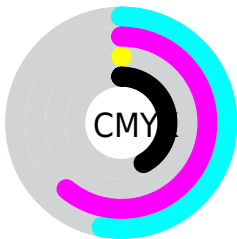
Blue (58%)



Red (27%)

Yellow (23%)

Blue (58%)

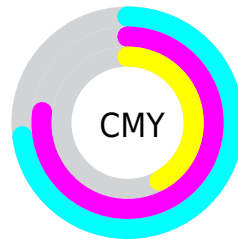


Cyan (53%)

Magenta (61%)

Yellow (0%)

Black (42%)



Cyan (73%)

Magenta (77%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 463A95 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 463A95 by changing the saturation by 10% instead.



■ 463A95

■ 463A95

FFFFFF

■ 29247B

■ 7D6ACC

■ 000F61

■ 9883E8

■ 000049

■ B59DFF

■ 000431

■ D1B8FF

■ 00011B

■ EFD4FF

■ 000000

■ FFF1FF

■ 463A95

■ 463A95

■ 392B95

■ 534995

 2C1C95

 605895

 1F0D95

 6D6795

 140095

 7A7695

 878495

 949395

 A1A295

 ADB195

 BAC095

# Harmonies

## Analogous

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



004DA3



463A95



7F1B73

# Triad

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



463A95



793500



005A4B

# Complementary

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



463A95



89953A

# 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.



00581A



463A95



564800

# Square

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



463A95



8F161B



275300



005B77

# Rectangle

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



463A95



8F0056



275300



005A3B



# Sweetspot

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



463A95



A49FC2



3A8A95



4E4C61



E0E0E0



616161



# Same Dimension

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



463A95



4734C2



723A95



44434A



12008A



01000A



# Inverse Universe

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



953A89



C234AF



5D953A



4A4349



8A0078



0A0009



# Previews

## White Background



This preview shows how the Hex color 463A95 looks on a white background.

## Color Contrast Check

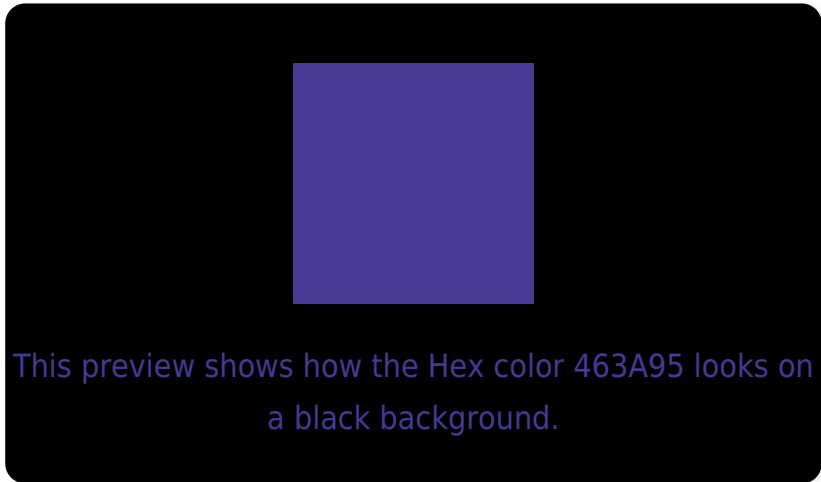
Large Text (above 18pt) WCAG AA ✓ Pass

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

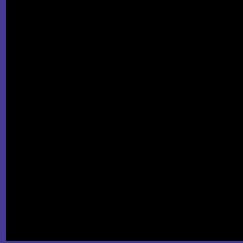
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 463A95 Background



This preview shows how black text looks on a background with the Hex color 463A95.

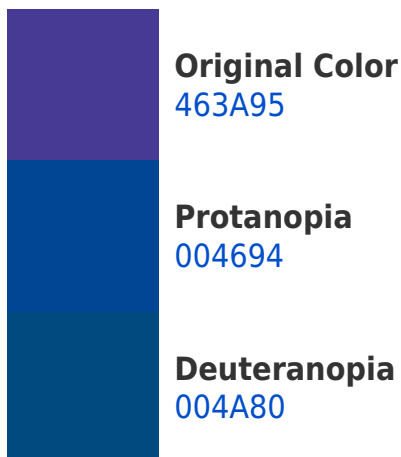


This preview shows how white text looks on a background with the Hex color 463A95.

# 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**  
304D53

# Trichromacy



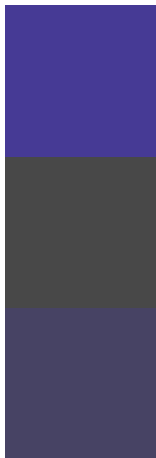
**Original Color**  
463A95

**Protanomaly**  
194294

**Deuteranomaly**  
194488

**Tritanomaly**  
38466B

# Monochromacy



**Original Color**  
463A95

**Achromatopsia**  
484848

**Achromatomaly**  
474364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 463A95 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 #463A95 looks like.

```
.text, #text, p{  
    color:#463A95  
}
```

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 #463A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463A95
}
```

## Border

The CSS property to change the border of an element to Hex 463A95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

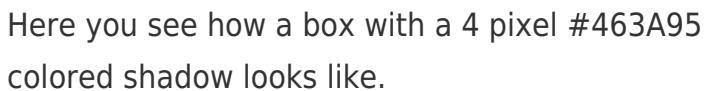
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#463A95 }
```

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

```
.border{ border-color:#463A95 }
```

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



Here you see how a box with a 4 pixel #463A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463A95; -webkit-box-shadow:4px 4px  
4px 4px #463A95; box-shadow:4px 4px 4px  
4px #463A95 }
```

# Background

The CSS property to change the background color of an element to Hex 463A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463A95 }
```

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

```
.background{ background-color:#463A95 }
```

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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