

Converting Colors

Hex(463993)

Have a look what the booklet for
Hex(463993) contains.

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Color

Hex(463993)

Conversions

Conversions Part 1

Format	Color
Hex	463993
RGB	70, 57, 147
RGB Percent	27%, 22%, 58%
CMY	0.7255, 0.7765, 0.4235
CMYK	0.52, 0.61, 0.00, 0.42
HSL	249°, 44%, 40%
HSV	249°, 61%, 58%
XYZ	9.2554, 6.3349, 28.3387
YIQ	71.1470, -21.1420, 30.7460

Conversions

Conversions Part 2

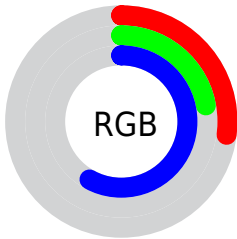
Format	Color
R_{YB}	70, 57, 147
Decimal	4602259
CIE Lab	30.24, 30.71, -47.97
CIE LCh	30, 56.956, 302.631
Yxy	6.3349, 0.2107, 0.1442
Android (android.graphics.Color)	4282792339 (0xFF463993)
YUV	71.1470, 37.3955, -1.0059
Hunter-Lab	25.1693, 21.5927, -49.1376

Details

The Hex color **463993** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **869339**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7D69CA**, and **020E5F** is the 20% darker color. If you saturate the color by 10%, you get **392A93**, and if you desaturate by 10%, it is **534893**.

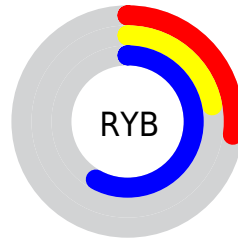
Distribution



Red (27%)

Green (22%)

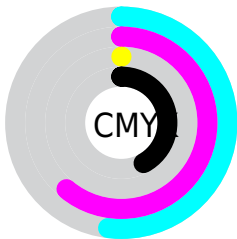
Blue (58%)



Red (27%)

Yellow (22%)

Blue (58%)

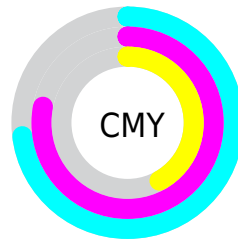


Cyan (52%)

Magenta (61%)

Yellow (0%)

Black (42%)



Cyan (73%)

Magenta (78%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 463993 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 463993 by changing the saturation by 10% instead.

■ 463993

■ 463993

FFFFFF

■ 292379

■ 7D69CA

■ 020E5F

■ 9882E6

■ 000047

■ B49CFF

■ 000430

■ D1B7FF

■ 00011A

■ EED3FF

■ 000000

■ FFEFFF

■ 463993

■ 463993

■ 392A93

■ 534893

■ 2D1C93

■ 5F5693

■ 200D93

■ 6C6593

■ 150093

■ 787493

■ 858393

■ 919193

■ 9EA093

■ ABAF93

■ B7BD93

Harmonies

Analogous

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



004CA1



463993



7D1A71

Triad

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



463993



773400



00594A

Complementary

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



463993



869339

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.



00571A



463993



554700

Square

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



463993



8D161A



265200



005976

Rectangle

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



463993



8E0054



265200



00593A

Sweetspot

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



463993



A29DBF



398793



4F4C61



E0E0E0



616161

Same Dimension

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



463993



4834BF



723993



44434A



14008A



01000A

Inverse Universe

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



933986



BF34AB



5A9339



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 463993 looks on a white background.

Color Contrast Check

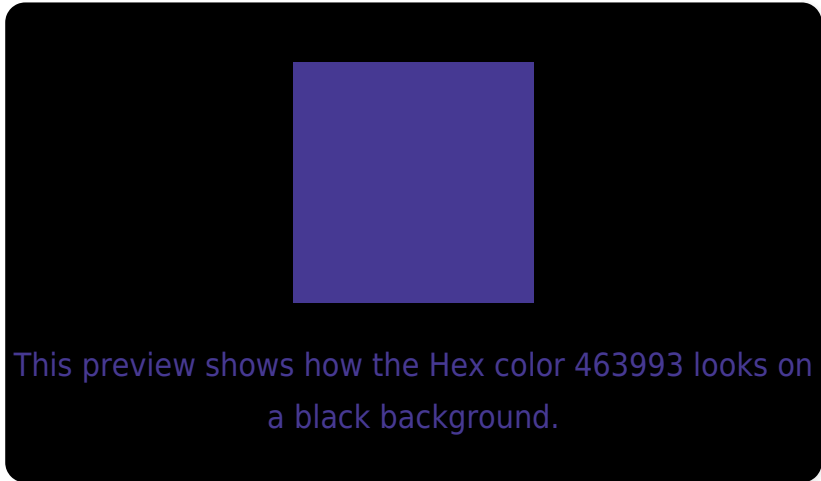
Large Text (above 18pt) WCAG AA ✓ Pass

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

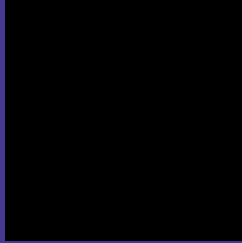
Any Text WCAG AA × Fail

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 463993 Background



This preview shows how black text looks on a background with the Hex color 463993.

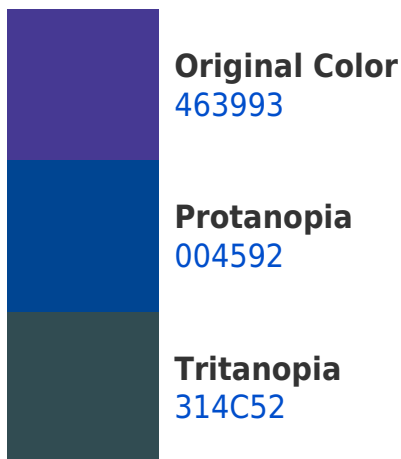


This preview shows how white text looks on a background with the Hex color 463993.

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



Trichromacy



Original Color
463993

Protanomaly
194192

Tritanomaly
39456A

Monochromacy



Original Color
463993

Achromatopsia
474747

Achromatomaly
474263

CSS Examples

Text

The CSS property to change the color of the text to Hex 463993 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 #463993 looks like.

```
.text, #text, p{  
    color:#463993  
}
```

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 #463993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #463993
}
```

Border

The CSS property to change the border of an element to Hex 463993 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".

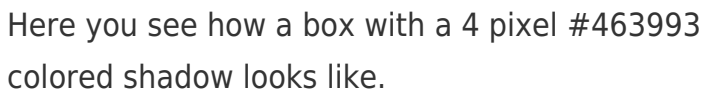
```
.border, #border, table{ border:4px solid
#463993 }
```

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

```
.border{ border-color:#463993 }
```

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

Here you see how a box with a 4 pixel #463993 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #463993; -webkit-box-shadow:4px 4px  
4px 4px #463993; box-shadow:4px 4px 4px  
4px #463993 }
```

Background

The CSS property to change the background color of an element to Hex 463993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#463993 }
```

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

```
.background{ background-color:#463993 }
```

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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