

Converting Colors

Hex(464983)

Have a look what the booklet for
Hex(464983) contains.

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Color

Hex(464983)

Conversions

Conversions Part 1

Format	Color
Hex	464983
RGB	70, 73, 131
RGB Percent	27%, 29%, 51%
CMY	0.7255, 0.7137, 0.4863
CMYK	0.47, 0.44, 0.00, 0.49
HSL	237°, 30%, 39%
HSV	237°, 47%, 51%
XYZ	9.0051, 7.7059, 22.4855
YIQ	78.7150, -20.4060, 17.4020

Conversions

Conversions Part 2

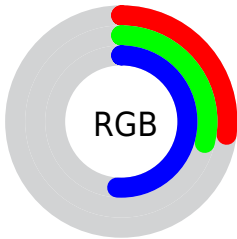
Format	Color
RYB	70, 73, 131
Decimal	4606339
CIELab	33.36, 15.17, -33.11
CIElCh	33, 36.418, 294.616
Yxy	7.7059, 0.2297, 0.1966
Android (android.graphics.Color)	4282796419 (0xFF464983)
YUV	78.7150, 25.7765, -7.6431
Hunter-Lab	27.7595, 9.3257, -28.5940

Details

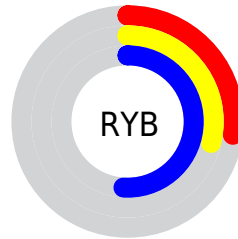
The Hex color **464983** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **838046**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7A79B8**, and **101E51** is the 20% darker color. If you saturate the color by 10%, you get **393D83**, and if you desaturate by 10%, it is **535583**.

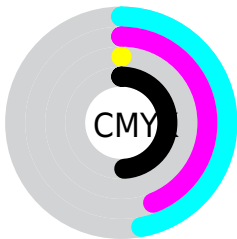
Distribution



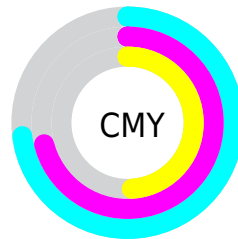
- Red (27%)
- Green (29%)
- Blue (51%)



- Red (27%)
- Yellow (29%)
- Blue (51%)



- Cyan (47%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464983 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 464983 by changing the saturation by 10% instead.

■ 464983

■ 464983

FFFFFF

■ 2C336A

■ 7A79B8

■ 101E51

■ 9493D4

■ 00053A

■ B0AEF1

■ 000223

■ CCC9FF

■ 00000B

■ E9E5FF

■ 000000

■ 464983

■ 464983

■ 393D83

■ 535583

■ 2C3083

■ 606283

■ 1F2483

■ 6D6E83

■ 121783

■ 7A7B83

■ 050B83

■ 888783

■ 000683

■ 959483

■ A2A083

■ AFAD83

■ BCB983

Harmonies

Analogous

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



005388



464983



6D3D70

Triad

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



464983



774020



005C48

Complementary

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



464983



838046

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.



21592B



464983



624B10

Square

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



464983



823638



465416



005C66

Rectangle

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



464983



7B365E



465416



005B3E

Sweetspot

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



464983



9394AB



468380



484957



D6D6D6



575757

Same Dimension

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



464983



4B50AB



614683



3C3C42



000682



000003

Inverse Universe

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



834649



AB4B50



688346



423C3C



820006



030000

Previews

White Background



This preview shows how the Hex color 464983 looks on a white background.

Color Contrast Check

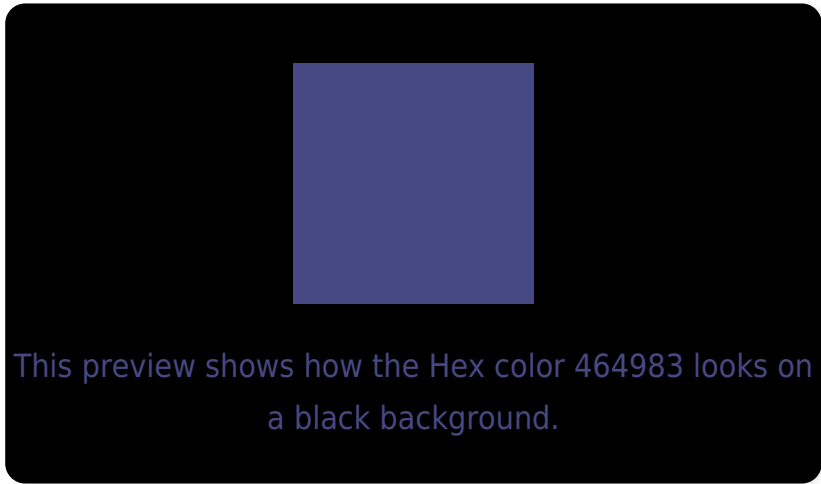
Large Text (above 18pt) WCAG AA ✓ Pass

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

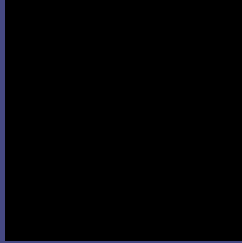
Any Text WCAG AA × Fail

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 464983 Background



This preview shows how black text looks on a background with the Hex color 464983.



This preview shows how white text looks on a background with the Hex color 464983.

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
3A5259

Trichromacy



Original Color
464983

Protanomaly
3B4C85

Deuteranomaly
364D82

Tritanomaly
3E4F68

Monochromacy



Original Color
464983

Achromatopsia
4F4F4F

Achromatomaly
4C4D62

CSS Examples

Text

The CSS property to change the color of the text to Hex 464983 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 #464983 looks like.

```
.text, #text, p{  
    color:#464983  
}
```

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 #464983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464983
}
```

Border

The CSS property to change the border of an element to Hex 464983 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".

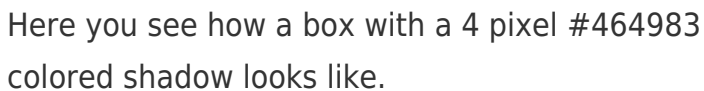
```
.border, #border, table{ border:4px solid
#464983 }
```

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

```
.border{ border-color:#464983 }
```

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

Here you see how a box with a 4 pixel #464983 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464983; -webkit-box-shadow:4px 4px  
4px 4px #464983; box-shadow:4px 4px 4px  
4px #464983 }
```

Background

The CSS property to change the background color of an element to Hex 464983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464983 }
```

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

```
.background{ background-color:#464983 }
```

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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