

Converting Colors

Hex(4C367A)

Have a look what the booklet for
Hex(4C367A) contains.

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Color

Hex(4C367A)

Conversions

Conversions Part 1

Format	Color
Hex	4C367A
RGB	76, 54, 122
RGB Percent	30%, 21%, 48%
CMY	0.7020, 0.7882, 0.5216
CMYK	0.38, 0.56, 0.00, 0.52
HSL	259°, 39%, 35%
HSV	259°, 56%, 48%
XYZ	7.8125, 5.5800, 19.0776
YIQ	68.3300, -8.7160, 25.8120

Conversions

Conversions Part 2

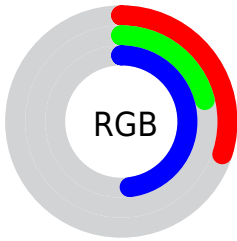
Format	Color
R_{YB}	76, 54, 122
Decimal	4994682
CIE _{Lab}	28.33, 26.33, -35.49
CIE _{LCh}	28, 44.191, 306.576
Yxy	5.5800, 0.2406, 0.1718
Android (android.graphics.Color)	4283184762 (0xFF4C367A)
YUV	68.3300, 26.4593, 6.7266
Hunter-Lab	23.6220, 17.6970, -31.3486

Details

The Hex color **4C367A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **647A36**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8065AF**, and **190B49** is the 20% darker color. If you saturate the color by 10%, you get **442A7A**, and if you desaturate by 10%, it is **54427A**.

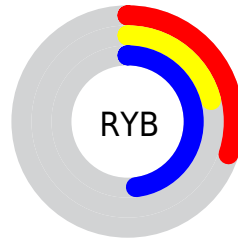
Distribution



Red (30%)

Green (21%)

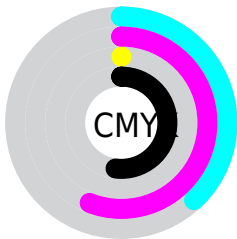
Blue (48%)



Red (30%)

Yellow (21%)

Blue (48%)

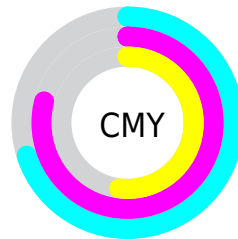


Cyan (38%)

Magenta (56%)

Yellow (0%)

Black (52%)



Cyan (70%)

Magenta (79%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C367A 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 4C367A by changing the saturation by 10% instead.

■ 4C367A

■ 4C367A

FFFFFF

■ 332061

■ 8065AF

■ 190B49

■ 9A7FCB

■ 010032

■ B699E7

■ 00011C

■ D2B4FF

■ 000000

■ EFCFFF

■ FFECFF

■ 4C367A

■ 4C367A

■ 442A7A

■ 54427A

■ 3B1E7A

■ 5D4E7A

■ 33117A

■ 655B7A

■ 2B057A

■ 6D677A

■ 27007A

■ 75737A

■ 7E7F7A

■ 868B7A

■ 8E987A

■ 96A47A

Harmonies

Analogous

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



004587



4C367A



71245F

Triad

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



4C367A



673700



00524A

Complementary

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



4C367A



647A36

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.



005026



4C367A



4B4400

Square

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



4C367A



79261C



264C01



00516B

Rectangle

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



4C367A



7C1C48



264C01



00523E

Sweetspot

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



4C367A



8C839E



36647A



443F4F



CFCFCF



4F4F4F

Same Dimension

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



4C367A



56349E



6E367A



39373D



28007D



5200FC

Inverse Universe

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



7A3664



9E347C



427A36



3D373B



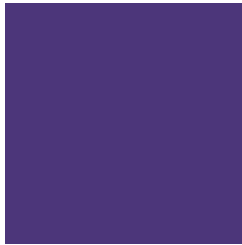
7D0055



FC00AB

Previews

White Background



This preview shows how the Hex color 4C367A looks on a white background.

Color Contrast Check

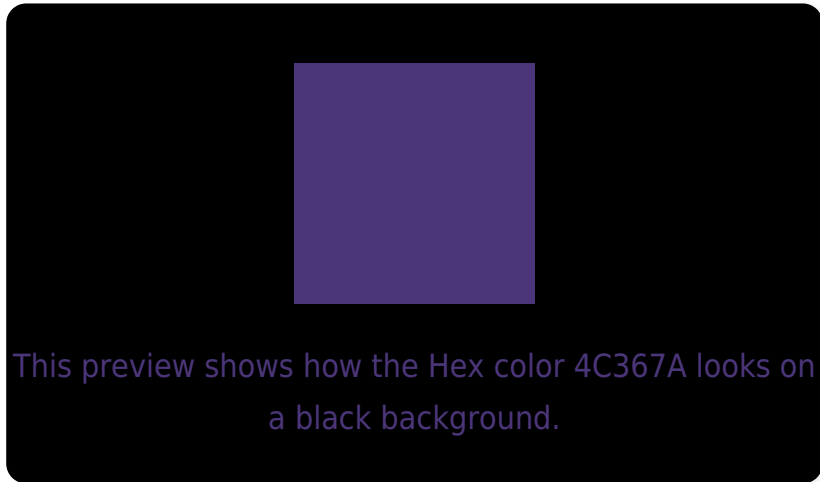
Large Text (above 18pt) WCAG AA ✓ Pass

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

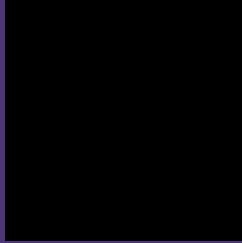
Any Text WCAG AA × Fail

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 4C367A Background



This preview shows how black text looks on a background with the Hex color 4C367A.



This preview shows how white text looks on a background with the Hex color 4C367A.

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](#).

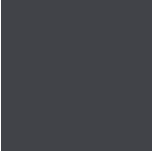
Dichromacy



Original Color
4C367A

Protanopia
164185

Deuteranopia
144477



Tritanopia
414348

Trichromacy



Original Color
4C367A

Protanomaly
2A3D81

Deuteranomaly
283F78

Tritanomaly
453E5A

Monochromacy



Original Color
4C367A

Achromatopsia
444444

Achromatomaly
473F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C367A 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 #4C367A looks like.

```
.text, #text, p{  
    color:#4C367A  
}
```

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 #4C367A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C367A
}
```

Border

The CSS property to change the border of an element to Hex 4C367A is called "border". The border property can be set on classes, ids or directly on the HTML element.

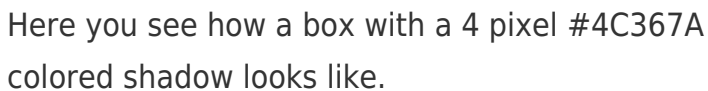
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C367A }
```

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

```
.border{ border-color:#4C367A }
```

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



Here you see how a box with a 4 pixel #4C367A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C367A; -webkit-box-shadow:4px 4px  
4px 4px #4C367A; box-shadow:4px 4px 4px  
4px #4C367A }
```

Background

The CSS property to change the background color of an element to Hex 4C367A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C367A }
```

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

```
.background{ background-color:#4C367A }
```

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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