

Converting Colors

Hex(C436AA)

Have a look what the booklet for
Hex(C436AA) contains.

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Color

Hex(C436AA)

Conversions

Conversions Part 1

Format	Color
Hex	C436AA
RGB	196, 54, 170
RGB Percent	77%, 21%, 67%
CMY	0.2314, 0.7882, 0.3333
CMYK	0.00, 0.72, 0.13, 0.23
HSL	311°, 57%, 49%
HSV	311°, 72%, 77%
XYZ	31.3398, 17.2764, 39.7131
YIQ	109.6820, 47.3960, 66.1800

Conversions

Conversions Part 2

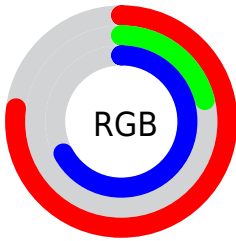
Format	Color
R_{YB}	196, 54, 170
Decimal	12859050
CIE _{Lab}	48.61, 66.95, -31.51
CIE _{LCh}	49, 73.994, 334.799
Yxy	17.2764, 0.3548, 0.1956
Android (android.graphics.Color)	4291049130 (0xFFC436AA)
YUV	109.6820, 29.7368, 75.7009
Hunter-Lab	41.5649, 61.8501, -27.5532

Details

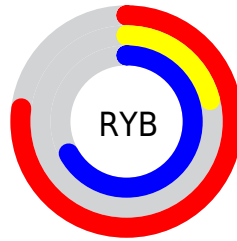
The Hex color **C436AA** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **36C450**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF72E2**, and **8A0075** is the 20% darker color. If you saturate the color by 10%, you get **C422A6**, and if you desaturate by 10%, it is **C44AAE**.

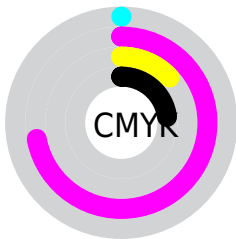
Distribution



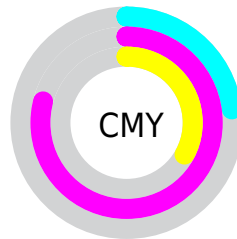
- Red (77%)
- Green (21%)
- Blue (67%)



- Red (77%)
- Yellow (21%)
- Blue (67%)



- Cyan (0%)
- Magenta (72%)
- Yellow (13%)
- Black (23%)



- Cyan (23%)
- Magenta (79%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color C436AA 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 C436AA by changing the saturation by 10% instead.

 C436AA

 C436AA

FFFFFF

 A70B8F

 FF72E2

 8A0075

 FF8EFE

 6E005C

 FFABFF

 530044

 FFC8FF

 3A002E

 FFE5FF

 190018

 000000

 C436AA

 C436AA

 C422A6

 C44AAE

 C40FA3

 C45DB1

 C400A0

 C471B5

 C484B8

 C498BC

 C4ACC0

 C4BFC3

 C4D3C7

 C4E6CA

Harmonies

Analogous

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



7C5DDC



C436AA



DE176C

Triad

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



C436AA



837400



008EBA

Complementary

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



C436AA



36C450

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.



008E7C



C436AA



408300

Square

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



C436AA



B55B00



008B3A



0088E5

Rectangle

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



C436AA



DC2A43



008B3A



008EA7

Sweetspot

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



C436AA



FFC7F5



4E36C4



805E79



000000



808080

Same Dimension

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



C436AA



FF21D6



C43665



61575F



A10083



21001B

Inverse Universe

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



C436AA



FF21D6



36C495



61575F



A10083



21001B

Previews

White Background



This preview shows how the Hex color C436AA looks on a white background.

Color Contrast Check

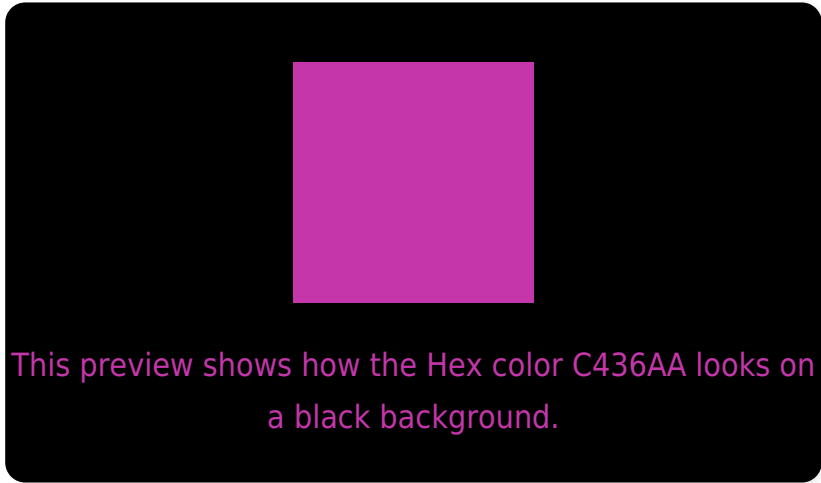
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

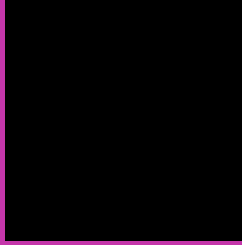
Any Text WCAG AA × Fail

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 C436AA Background



This preview shows how black text looks on a background with the Hex color C436AA.

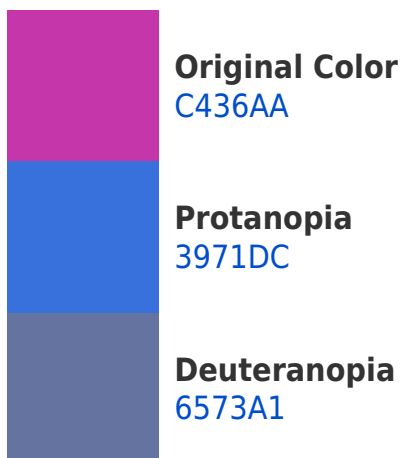


This preview shows how white text looks on a background with the Hex color C436AA.

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
C436AA



Protanomaly
6C5CCA



Deuteranomaly
885DA4

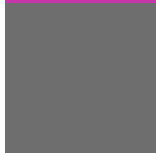


Tritanomaly
BF4775

Monochromacy



Original Color
C436AA



Achromatopsia
6E6E6E



Achromatomaly
8D5A84

CSS Examples

Text

The CSS property to change the color of the text to Hex C436AA 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 #C436AA looks like.

```
.text, #text, p{  
    color:#C436AA  
}
```

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 #C436AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C436AA
}
```

Border

The CSS property to change the border of an element to Hex C436AA 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
#C436AA }
```

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

```
.border{ border-color:#C436AA }
```

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

Here you see how a box with a 4 pixel #C436AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C436AA; -webkit-box-shadow:4px 4px  
4px 4px #C436AA; box-shadow:4px 4px 4px  
4px #C436AA }
```

Background

The CSS property to change the background color of an element to Hex C436AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C436AA }
```

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

```
.background{ background-color:#C436AA }
```

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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