

Converting Colors

Hex(A6A4CC)

Have a look what the booklet for
Hex(A6A4CC) contains.

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Color

Hex(A6A4CC)

Conversions

Conversions Part 1

Format	Color
Hex	A6A4CC
RGB	166, 164, 204
RGB Percent	65%, 64%, 80%
CMY	0.3490, 0.3569, 0.2000
CMYK	0.19, 0.20, 0.00, 0.20
HSL	243°, 28%, 72%
HSV	243°, 20%, 80%
XYZ	39.9004, 39.0175, 62.5549
YIQ	169.1580, -11.6480, 12.8640

Conversions

Conversions Part 2

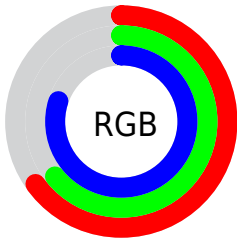
Format	Color
R _Y B	166, 164, 204
Decimal	10921164
CIE Lab	68.76, 9.02, -20.12
CIE LCh	69, 22.049, 294.152
Yxy	39.0175, 0.2820, 0.2758
Android (android.graphics.Color)	4289111244 (0xFFA6A4CC)
YUV	169.1580, 17.1771, -2.7696
Hunter-Lab	62.4640, 4.7092, -15.6514

Details

The Hex color **A6A4CC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CACCA4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DDDBFF**, and **727096** is the 20% darker color. If you saturate the color by 10%, you get **9390CC**, and if you desaturate by 10%, it is **B9B8CC**.

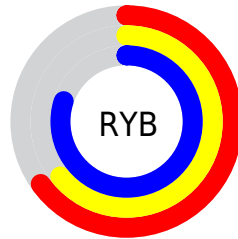
Distribution



Red (65%)

Green (64%)

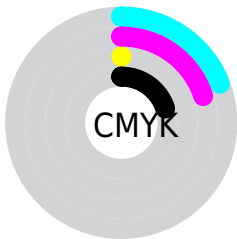
Blue (80%)



Red (65%)

Yellow (64%)

Blue (80%)

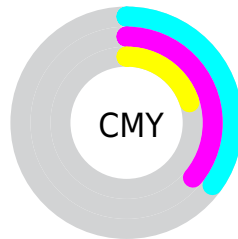


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6A4CC 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 A6A4CC by changing the saturation by 10% instead.

 A6A4CC

 A6A4CC

FFFFFF

 8B8AB0

 DDDBFF

 727096

 FAF7FF

 59587C

 414163

 292B4B

 131634

 00001F

 000002

 000000

 A6A4CC

 A6A4CC

 9390CC

 B9B8CC

 7F7BCC

 CDCDCC

 6C67CC

 E0E1CC

 5852CC

 F4F6CC

 453ECC

 FFFFCC

 322ACC

 1E15CC

 0B01CC

 0A00CC

Harmonies

Analogous

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



8BABCF



A6A4CC



BE9EBF

Triad

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



A6A4CC



CA9F88



7AB3A3

Complementary

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



A6A4CC



CACCA4

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.



8FB090



A6A4CC



BBA580

Square

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



A6A4CC



D19A98



A6AB83



70B3B7

Rectangle

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



A6A4CC



C99BB3



A6AB83



81B29C

Sweetspot

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



A6A4CC



F0F0FF



A4CACC



777780



000000



808080

Same Dimension

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



A6A4CC



C5C2FF



BAA4CC



5C5C66



0800A6



020026

Inverse Universe

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



CCA4CA



FFC2FC



B6CCA4



665C65



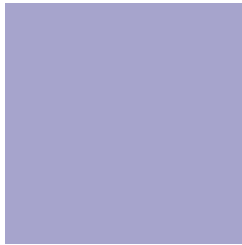
A6009D



260024

Previews

White Background



This preview shows how the Hex color A6A4CC looks on a white background.

Color Contrast Check

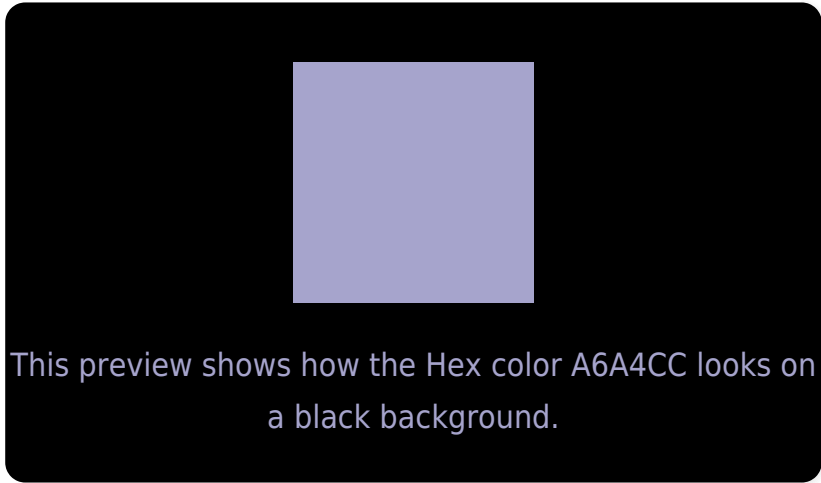
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

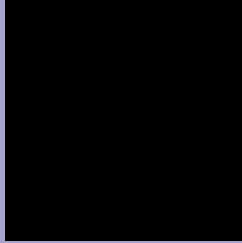
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex A6A4CC Background



This preview shows how black text looks on a background with the Hex color A6A4CC.



This preview shows how white text looks on a background with the Hex color A6A4CC.

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
A6A4CC

Protanopia
9FA6CD

Deuteranopia
A6A4CC



Tritanopia
A2A8B5

Trichromacy



Original Color
A6A4CC

Protanomaly
A2A5CD

Deuteranomaly
A6A4CC

Tritanomaly
A3A7BD

Monochromacy



Original Color
A6A4CC

Achromatopsia
A9A9A9

Achromatomaly
A8A7B6

CSS Examples

Text

The CSS property to change the color of the text to Hex A6A4CC 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 #A6A4CC looks like.

```
.text, #text, p{  
    color:#A6A4CC  
}
```

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 #A6A4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A4CC  
}
```

Border

The CSS property to change the border of an element to Hex A6A4CC 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  
#A6A4CC }
```

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

```
.border{ border-color:#A6A4CC }
```

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

Here you see how a box with a 4 pixel #A6A4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A4CC; -webkit-box-shadow:4px 4px  
4px 4px #A6A4CC; box-shadow:4px 4px 4px  
4px #A6A4CC }
```

Background

The CSS property to change the background color of an element to Hex A6A4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A4CC }
```

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

```
.background{ background-color:#A6A4CC }
```

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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