

Converting Colors

Hex(A665C8)

Have a look what the booklet for
Hex(A665C8) contains.

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Color

Hex(A665C8)

Conversions

Conversions Part 1

Format	Color
Hex	A665C8
RGB	166, 101, 200
RGB Percent	65%, 40%, 78%
CMY	0.3490, 0.6039, 0.2157
CMYK	0.17, 0.50, 0.00, 0.22
HSL	279°, 47%, 59%
HSV	279°, 50%, 78%
XYZ	30.8049, 21.5845, 57.1862
YIQ	131.7210, 6.9610, 44.5690

Conversions

Conversions Part 2

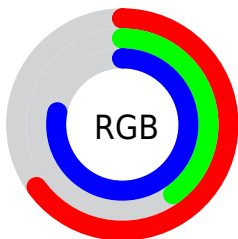
Format	Color
RYB	166, 101, 200
Decimal	10905032
CIELab	53.58, 43.52, -41.39
CIElCh	54, 60.063, 316.436
Yxy	21.5845, 0.2811, 0.1970
Android (android.graphics.Color)	4289095112 (0xFFA665C8)
YUV	131.7210, 33.6615, 30.0627
Hunter-Lab	46.4591, 37.0517, -40.4583

Details

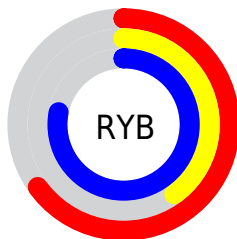
The Hex color **A665C8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **87C865**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DF9AFF**, and **703391** is the 20% darker color. If you saturate the color by 10%, you get **9F51C8**, and if you desaturate by 10%, it is **AD79C8**.

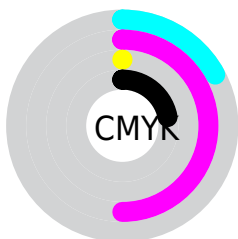
Distribution



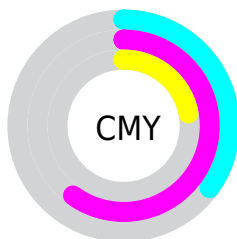
- Red (65%)
- Green (40%)
- Blue (78%)



- Red (65%)
- Yellow (40%)
- Blue (78%)



- Cyan (17%)
- Magenta (50%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color A665C8 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 A665C8 by changing the saturation by 10% instead.

 A665C8

 A665C8

FFFFFF

 8A4CAC

 DF9AFF

 703391

 FCB5FF

 551977

 FFD1FF

 3B005E

 FFEEFF

 230046

 00002F

 000119

 000000

 A665C8

 A665C8

9F51C8

AD79C8

983DC8

B48DC8

9129C8

BBA1C8

8B15C8

C1B5C8

8401C8

C8C9C8

8300C8

CFDDC8

D6F1C8

DFFFC8

E4FFC8

Harmonies

Analogous

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



4C7CE4



A665C8



D1509A

Triad

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



A665C8



AD7509



00989C

Complementary

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



A665C8



87C865

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.



009766



A665C8



7E8601

Square

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



A665C8



CE5F36



409133



0095CA

Rectangle

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



A665C8



DC4B77



409133



00988A

Sweetspot

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



A665C8



F2D9FF



6588C8



786980



000000



808080

Same Dimension

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



A665C8



CB69FF



C865B9



605A63



6B00A3



170024

Inverse Universe

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



C86587



FF699C



65C874



635A5D



A30038



24000C

Previews

White Background



This preview shows how the Hex color A665C8 looks on a white background.

Color Contrast Check

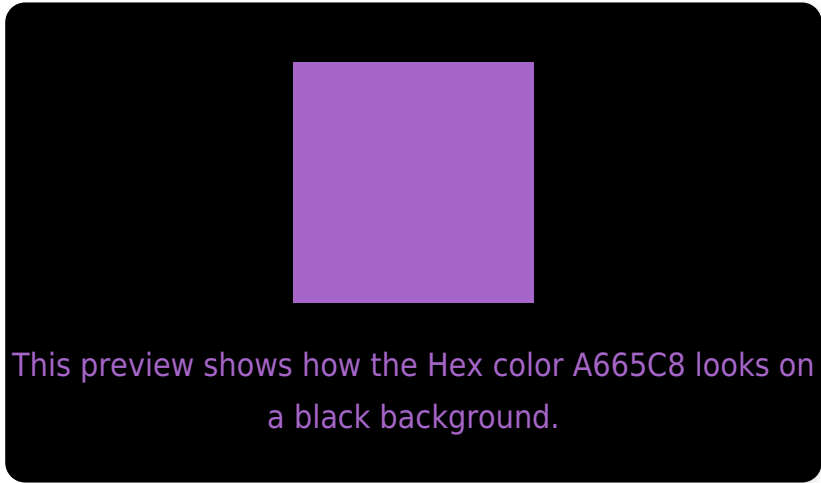
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

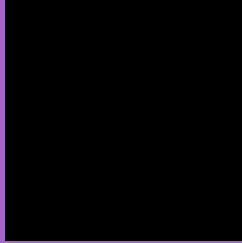
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A665C8 Background



This preview shows how black text looks on a background with the Hex color A665C8.

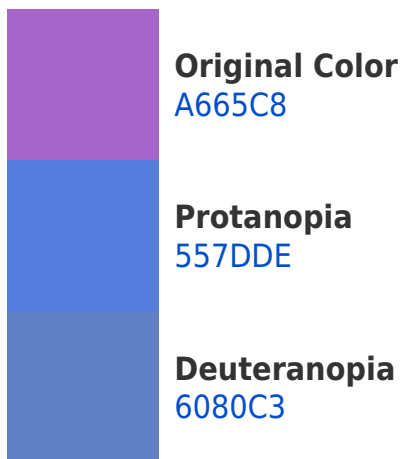


This preview shows how white text looks on a background with the Hex color A665C8.

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
9B7680

Trichromacy



Original Color
A665C8



Protanomaly
7274D6



Deuteranomaly
7976C5



Tritanomaly
9F709A

Monochromacy



Original Color
A665C8



Achromatopsia
848484



Achromatomaly
90799D

CSS Examples

Text

The CSS property to change the color of the text to Hex A665C8 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 #A665C8 looks like.

```
.text, #text, p{  
    color:#A665C8  
}
```

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 #A665C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A665C8
}
```

Border

The CSS property to change the border of an element to Hex A665C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

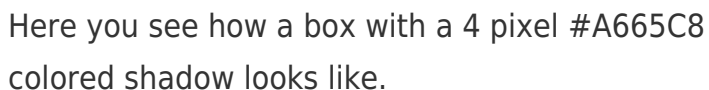
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A665C8 }
```

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

```
.border{ border-color:#A665C8 }
```

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



Here you see how a box with a 4 pixel #A665C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A665C8; -webkit-box-shadow:4px 4px  
4px 4px #A665C8; box-shadow:4px 4px 4px  
4px #A665C8 }
```

Background

The CSS property to change the background color of an element to Hex A665C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A665C8 }
```

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

```
.background{ background-color:#A665C8 }
```

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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