

Converting Colors

Hex(C65BA6)

Have a look what the booklet for
Hex(C65BA6) contains.

Hex(C65BA6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C65BA6)

Conversions

Conversions Part 1

Format	Color
Hex	C65BA6
RGB	198, 91, 166
RGB Percent	78%, 36%, 65%
CMY	0.2235, 0.6431, 0.3490
CMYK	0.00, 0.54, 0.16, 0.22
HSL	318°, 48%, 57%
HSV	318°, 54%, 78%
XYZ	33.9127, 22.2411, 38.5820
YIQ	131.5430, 39.6970, 46.0090

Conversions

Conversions Part 2

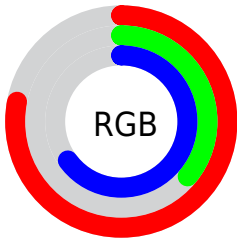
Format	Color
R _Y B	198, 91, 166
Decimal	12999590
CIE Lab	54.28, 51.69, -20.35
CIE LCh	54, 55.555, 338.511
Yxy	22.2411, 0.3580, 0.2348
Android (android.graphics.Color)	4291189670 (0xFFC65BA6)
YUV	131.5430, 16.9873, 58.2828
Hunter-Lab	47.1605, 45.8271, -15.4928

Details

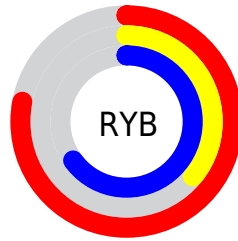
The Hex color **C65BA6** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5BC67B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF91DD**, and **8D2372** is the 20% darker color. If you saturate the color by 10%, you get **C647A0**, and if you desaturate by 10%, it is **C66FAC**.

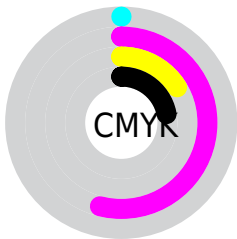
Distribution



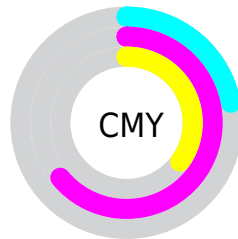
- Red (78%)
- Green (36%)
- Blue (65%)



- Red (78%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (54%)
- Yellow (16%)
- Black (22%)



- Cyan (22%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color C65BA6 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 C65BA6 by changing the saturation by 10% instead.

 C65BA6

 C65BA6

FFFFFF

 A9408C

 FF91DD

 8D2372

 FFADFA

 720059

 FFC9FF

 570042

 FFE6FF

 3E002B

 240016

 000000

 C65BA6

 C65BA6

 C647A0

 C66FAC

 C6339A

 C683B2

 C62094

 C696B8

 C60C8E

 C6AABE

 C6008B

 C6BEC4

 C6D2CA

 C6E6CF

 C6F9D5

 C6FFDB

Harmonies

Analogous

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



956FCD



C65BA6



D85476

Triad

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



C65BA6



8E8415



0097BC

Complementary

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



C65BA6



5BC67B

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.



00998F



C65BA6



5A9031

Square

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



C65BA6



B67323



00965D



0090DB

Rectangle

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



C65BA6



D65A57



00965D



0098AE

Sweetspot

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



C65BA6



FFD6F3



795BC6



806778



000000



808080

Same Dimension

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



C65BA6



FF59CD



C65B72



635A60



A30072



240019

Inverse Universe

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



C65BA6



FF59CD



5BC6AF



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color C65BA6 looks on a white background.

Color Contrast Check

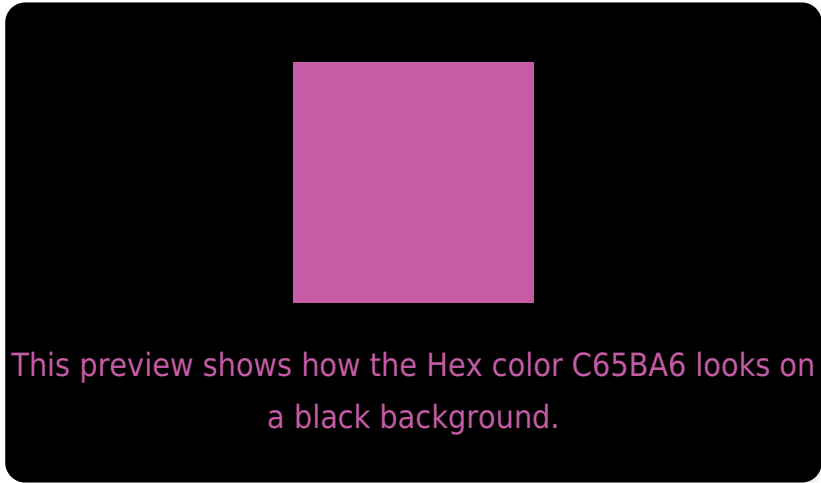
Large Text (above 18pt) WCAG AA ✓ Pass

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 C65BA6 Background



This preview shows how black text looks on a background with the Hex color C65BA6.

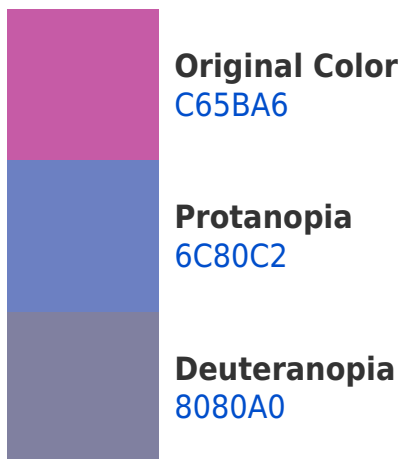



This preview shows how white text looks on a background with the Hex color C65BA6.

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
C0686F

Trichromacy



Original Color
C65BA6



Protanomaly
8D73B8



Deuteranomaly
9973A2



Tritanomaly
C26383

Monochromacy



Original Color
C65BA6



Achromatopsia
848484



Achromatomaly
9C7590

CSS Examples

Text

The CSS property to change the color of the text to Hex C65BA6 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 #C65BA6 looks like.

```
.text, #text, p{  
    color:#C65BA6  
}
```

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 #C65BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65BA6
}
```

Border

The CSS property to change the border of an element to Hex C65BA6 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
#C65BA6 }
```

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

```
.border{ border-color:#C65BA6 }
```

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

Here you see how a box with a 4 pixel #C65BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65BA6; -webkit-box-shadow:4px 4px  
4px 4px #C65BA6; box-shadow:4px 4px 4px  
4px #C65BA6 }
```

Background

The CSS property to change the background color of an element to Hex C65BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65BA6 }
```

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

```
.background{ background-color:#C65BA6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor