

Converting Colors

Hex(CA65C8)

Have a look what the booklet for
Hex(CA65C8) contains.

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Color

Hex(CA65C8)

Conversions

Conversions Part 1

Format	Color
Hex	CA65C8
RGB	202, 101, 200
RGB Percent	79%, 40%, 78%
CMY	0.2078, 0.6039, 0.2157
CMYK	0.00, 0.50, 0.01, 0.21
HSL	301°, 49%, 59%
HSV	301°, 50%, 79%
XYZ	39.4361, 26.0340, 57.5901
YIQ	142.4850, 28.4170, 52.2010

Conversions

Conversions Part 2

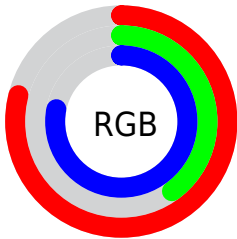
Format	Color
R_{YB}	202, 101, 200
Decimal	13264328
CIE _{Lab}	58.07, 53.66, -34.04
CIE _{LCh}	58, 63.546, 327.613
Yxy	26.0340, 0.3205, 0.2116
Android (android.graphics.Color)	4291454408 (0xFFCA65C8)
YUV	142.4850, 28.3549, 52.1947
Hunter-Lab	51.0236, 48.6714, -31.2039

Details

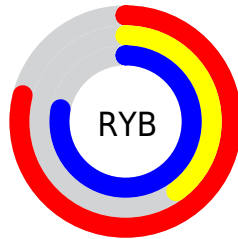
The Hex color **CA65C8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **65CA67**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9BFF**, and **912F92** is the 20% darker color. If you saturate the color by 10%, you get **CA51C8**, and if you desaturate by 10%, it is **CA79C8**.

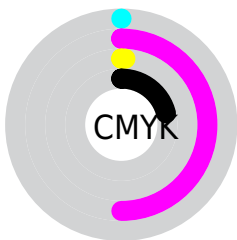
Distribution



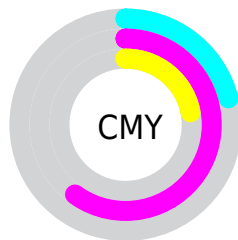
- Red (79%)
- Green (40%)
- Blue (78%)



- Red (79%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA65C8 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 CA65C8 by changing the saturation by 10% instead.

 CA65C8

 CA65C8

FFFFFF

 AD4AAC

 FF9BFF

 912F92

 FFB7FF

 760D78

 FFD4FF

 5B005E

 FFF1FF

 410046

 2A0030

 000019

 000000

 CA65C8

 CA65C8

CA51C8

CA79C8

CA3DC7

CA8DC9

CA28C7

CAA2C9

CA14C6

CAB6CA

CA00C6

CACACA

CADECA

CAF2CB

CAFFCB

CAFFCC

Harmonies

Analogous

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



827FEF



CA65C8



EB5492

Triad

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



CA65C8



AA8700



00A5BE

Complementary

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



CA65C8



65CA67

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.



00A585



CA65C8



749719

Square

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



CA65C8



D4712B



11A14C



00A0E9

Rectangle

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



CA65C8



EF556D



11A14C



00A5AC

Sweetspot

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



CA65C8



FFD9FE



6765CA



80697F



000000



808080

Same Dimension

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



CA65C8



FF66FC



CA6596



665C66



A600A2



260025

Inverse Universe

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



CA65C8



FF66FC



65CA99



665C66



A600A2



260025

Previews

White Background



This preview shows how the Hex color CA65C8 looks on a white background.

Color Contrast Check

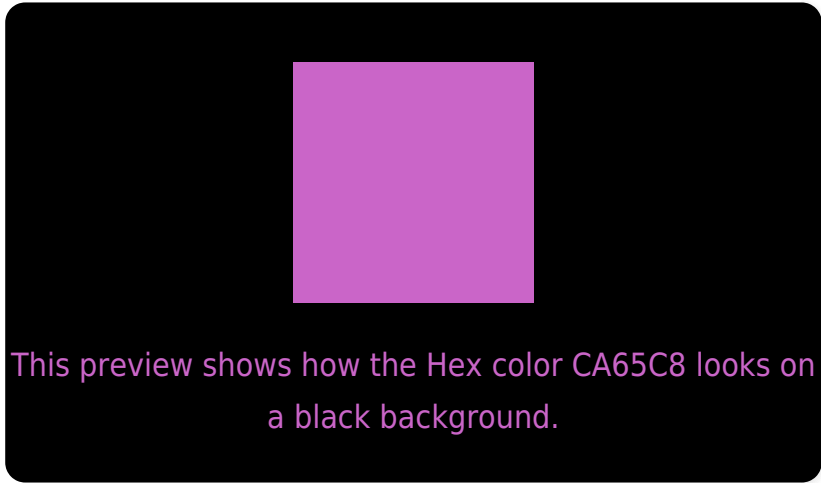
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA65C8 Background



This preview shows how black text looks on a background with the Hex color CA65C8.

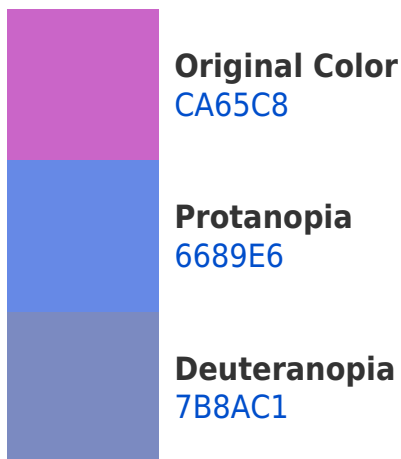


This preview shows how white text looks on a background with the Hex color CA65C8.

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](#).

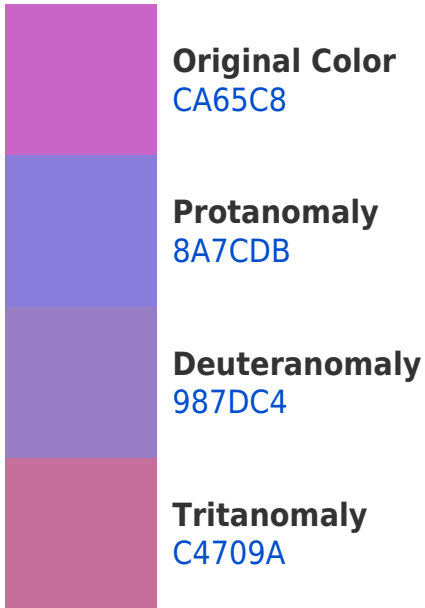
Dichromacy



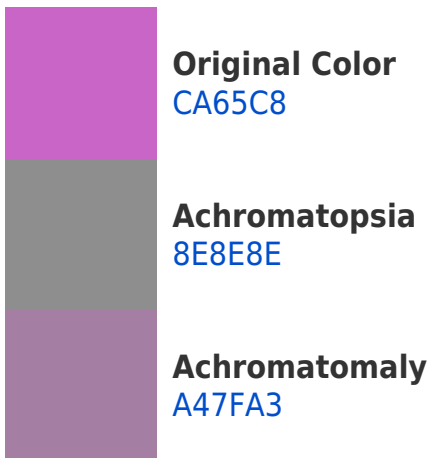


Tritanopia
C1777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA65C8 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 #CA65C8 looks like.

```
.text, #text, p{  
    color:#CA65C8  
}
```

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 #CA65C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA65C8
}
```

Border

The CSS property to change the border of an element to Hex CA65C8 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
#CA65C8 }
```

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

```
.border{ border-color:#CA65C8 }
```

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

Here you see how a box with a 4 pixel #CA65C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA65C8; -webkit-box-shadow:4px 4px  
4px 4px #CA65C8; box-shadow:4px 4px 4px  
4px #CA65C8 }
```

Background

The CSS property to change the background color of an element to Hex CA65C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA65C8 }
```

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

```
.background{ background-color:#CA65C8 }
```

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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