

# Converting Colors

Hex(CA62E2)

Have a look what the booklet for  
Hex(CA62E2) contains.

<b>Hex(CA62E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(CA62E2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA62E2
RGB	202, 98, 226
RGB Percent	79%, 38%, 89%
CMY	0.2078, 0.6157, 0.1137
CMYK	0.11, 0.57, 0.00, 0.11
HSL	289°, 69%, 64%
HSV	289°, 57%, 89%
XYZ	42.4523, 26.7829, 74.8836
YIQ	143.6880, 20.8960, 61.8560

# Conversions

## Conversions Part 2

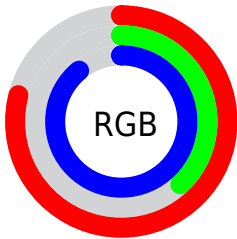
Format	Color
R <sub>Y</sub> B	202, 98, 226
Decimal	13263586
CIE Lab	58.77, 59.90, -47.62
CIE LCh	59, 76.525, 321.517
Yxy	26.7829, 0.2946, 0.1858
Android (android.graphics.Color)	4291453666 (0xFFCA62E2)
YUV	143.6880, 40.5798, 51.1396
Hunter-Lab	51.7522, 55.8570, -49.5640

# Details

The Hex color **CA62E2** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **7AE262**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF99FF**, and **9129AA** is the 20% darker color. If you saturate the color by 10%, you get **C64BE2**, and if you desaturate by 10%, it is **CE79E2**.

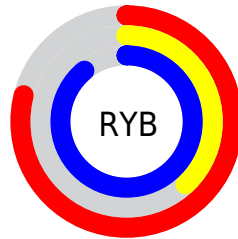
# Distribution



Red (79%)

Green (38%)

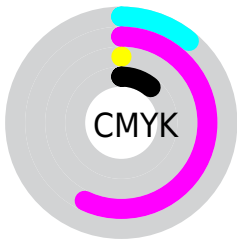
Blue (89%)



Red (79%)

Yellow (38%)

Blue (89%)

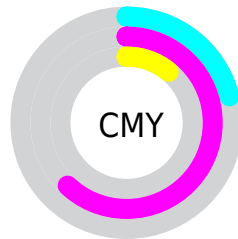


Cyan (11%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (62%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA62E2 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 CA62E2 by changing the saturation by 10% instead.



 CA62E2

 CA62E2

FFFFFF

 AD47C6

 FF99FF

 9129AA

 FFB5FF

 75008F

 FFD2FF

 5A0075

 FFEFFF

 3F005C

 270044

 00002C

 000116

 000000

CA62E2

CA62E2

C64BE2

CE79E2

C235E2

D28FE2

BD1EE2

D7A6E2

B908E2

DBBCE2

B800E2

DFD3E2

E3EAE2

E8FFE2

ECFFE2

F0FFE2

# Harmonies

## Analogous

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



5B84FF



CA62E2



FA41A3

# Triad

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



CA62E2



BA8400



00ABB8

# Complementary

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



CA62E2



7AE262

# 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.



00AA77



CA62E2



7C9800

# Square

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



CA62E2



E96520



00A431



00A7F6

# Rectangle

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



CA62E2



FF3E77



00A431



00ABA6



# Sweetspot

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



CA62E2



F7D4FF



627CE2



7B6680



000000



808080



# Same Dimension

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



CA62E2



DE52FF



E262BC



6E6570



8F00B0



270030



# Inverse Universe

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



E2627A



FF5272



62E288



706567



B00021

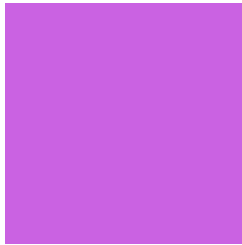


300009



# Previews

## White Background



This preview shows how the Hex color CA62E2 looks on a white background.

## Color Contrast Check

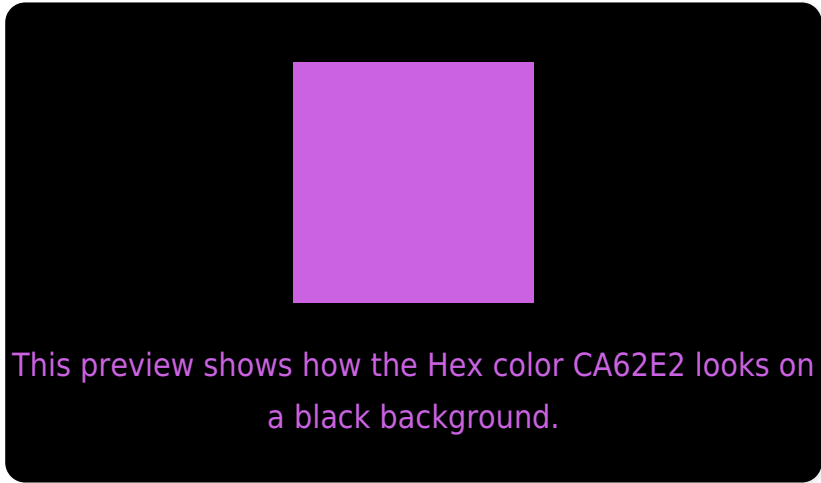
Large Text (above 18pt) WCAG AA ✓ Pass

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

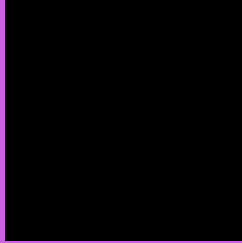
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CA62E2 Background



This preview shows how black text looks on a background with the Hex color CA62E2.

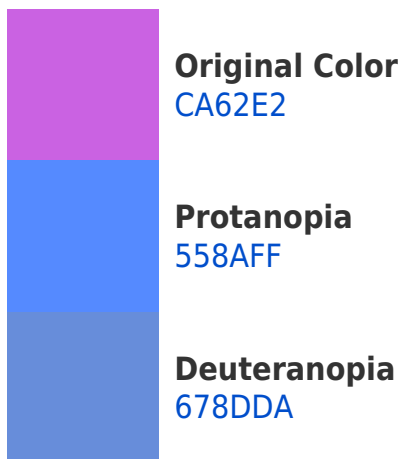


This preview shows how white text looks on a background with the Hex color CA62E2.

# 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**  
BD7B84

# Trichromacy



**Original Color**  
CA62E2



**Protanomaly**  
807BF4



**Deuteranomaly**  
8B7DDD



**Tritanomaly**  
C272A6

# Monochromacy



**Original Color**  
CA62E2



**Achromatopsia**  
909090



**Achromatomaly**  
A57FAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA62E2 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 #CA62E2 looks like.

```
.text, #text, p{  
    color:#CA62E2  
}
```

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 #CA62E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA62E2
}
```

## Border

The CSS property to change the border of an element to Hex CA62E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

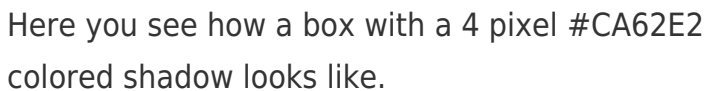
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA62E2 }
```

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

```
.border{ border-color:#CA62E2 }
```

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



Here you see how a box with a 4 pixel `#CA62E2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA62E2; -webkit-box-shadow:4px 4px  
4px 4px #CA62E2; box-shadow:4px 4px 4px  
4px #CA62E2 }
```

# Background

The CSS property to change the background color of an element to Hex CA62E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA62E2 }
```

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

```
.background{ background-color:#CA62E2 }
```

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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