

Converting Colors

Hex(C62BA8)

Have a look what the booklet for
Hex(C62BA8) contains.

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Color

Hex(C62BA8)

Conversions

Conversions Part 1

Format	Color
Hex	C62BA8
RGB	198, 43, 168
RGB Percent	78%, 17%, 66%
CMY	0.2235, 0.8314, 0.3412
CMYK	0.00, 0.78, 0.15, 0.22
HSL	312°, 64%, 47%
HSV	312°, 78%, 78%
XYZ	31.2205, 16.5607, 38.5968
YIQ	103.5950, 52.2550, 71.7350

Conversions

Conversions Part 2

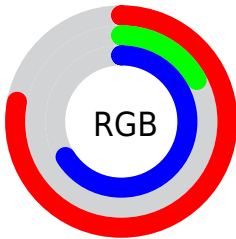
Format	Color
R _{YB}	198, 43, 168
Decimal	12987304
CIE _{Lab}	47.70, 70.41, -31.71
CIE _{LCh}	48, 77.224, 335.753
Yxy	16.5607, 0.3614, 0.1917
Android (android.graphics.Color)	4291177384 (0xFFC62BA8)
YUV	103.5950, 31.7517, 82.7932
Hunter-Lab	40.6948, 65.7267, -27.7470

Details

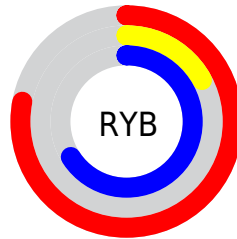
The Hex color **C62BA8** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **2BC649**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6AE0**, and **8C0073** is the 20% darker color. If you saturate the color by 10%, you get **C617A4**, and if you desaturate by 10%, it is **C63FAC**.

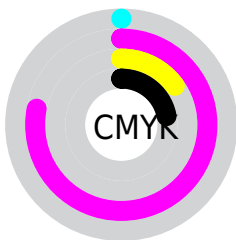
Distribution



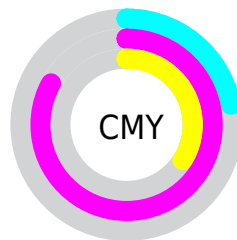
- Red (78%)
- Green (17%)
- Blue (66%)



- Red (78%)
- Yellow (17%)
- Blue (66%)



- Cyan (0%)
- Magenta (78%)
- Yellow (15%)
- Black (22%)



- Cyan (22%)
- Magenta (83%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C62BA8 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 C62BA8 by changing the saturation by 10% instead.

 C62BA8

 C62BA8

FFFFFF

 A9008D

 FF6AE0

 8C0073

 FF87FC

 6F005B

 FFA4FF

 540043

 FFC1FF

 3A002C

 FFDFFF

 1A0016

 FFFDFF

 000000

 C62BA8

 C62BA8

 C617A4

 C63FAC

 C603A0

 C653B0

 C600A0

 C666B3

 C67AB7

 C68EBB

 C6A2BF

 C6B6C3

 C6C9C7

 C6DDCA

Harmonies

Analogous

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



7C59DC



C62BA8



E00068

Triad

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



C62BA8



7F7300



008CBC

Complementary

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



C62BA8



2BC649

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.



008C7C



C62BA8



358200

Square

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



C62BA8



B35900



008937



0086E9

Rectangle

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



C62BA8



DD1E3D



008937



008CA8

Sweetspot

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



C62BA8



FFC4F4



472BC6



805C79



000000



808080

Same Dimension

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



C62BA8



FF0FD1



C62B5C



635A62



A30084



24001D

Inverse Universe

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



C62BA8



FF0FD1



2BC695



635A62



A30084



24001D

Previews

White Background



This preview shows how the Hex color C62BA8 looks on a white background.

Color Contrast Check

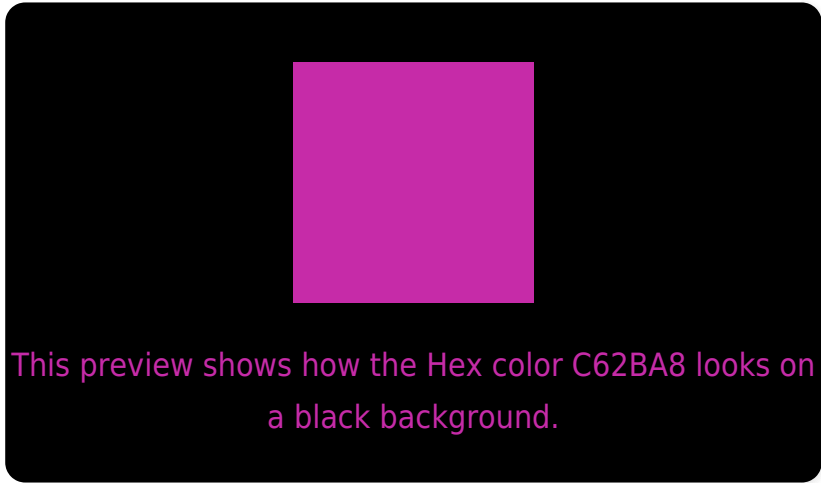
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

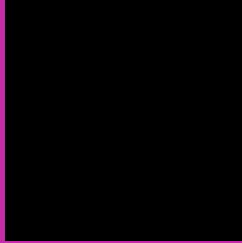
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex C62BA8 Background



This preview shows how black text looks on a background with the Hex color C62BA8.

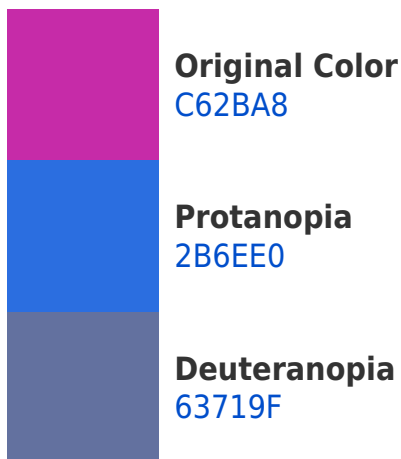


This preview shows how white text looks on a background with the Hex color C62BA8.

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](#).

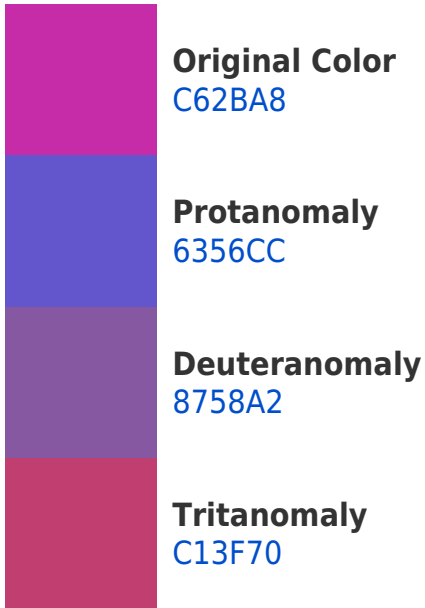
Dichromacy



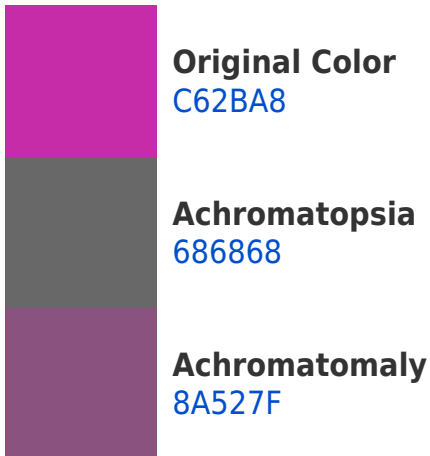


Tritanopia
BE4B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C62BA8 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 #C62BA8 looks like.

```
.text, #text, p{  
    color:#C62BA8  
}
```

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 #C62BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62BA8
}
```

Border

The CSS property to change the border of an element to Hex C62BA8 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
#C62BA8 }
```

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

```
.border{ border-color:#C62BA8 }
```

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

Here you see how a box with a 4 pixel #C62BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62BA8; -webkit-box-shadow:4px 4px  
4px 4px #C62BA8; box-shadow:4px 4px 4px  
4px #C62BA8 }
```

Background

The CSS property to change the background color of an element to Hex C62BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62BA8 }
```

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

```
.background{ background-color:#C62BA8 }
```

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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