

Converting Colors

Hex(C625C3)

Have a look what the booklet for
Hex(C625C3) contains.

Hex(C625C3)	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(C625C3)

Conversions

Conversions Part 1

Format	Color
Hex	C625C3
RGB	198, 37, 195
RGB Percent	78%, 15%, 76%
CMY	0.2235, 0.8549, 0.2353
CMYK	0.00, 0.81, 0.02, 0.22
HSL	301°, 69%, 46%
HSV	301°, 81%, 78%
XYZ	33.8006, 17.2690, 53.1815
YIQ	103.1510, 45.2380, 83.2700

Conversions

Conversions Part 2

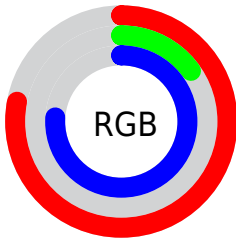
Format	Color
R_{YB}	198, 37, 195
Decimal	12985795
CIE _{Lab}	48.60, 75.80, -46.13
CIE _{LCh}	49, 88.738, 328.677
Yxy	17.2690, 0.3242, 0.1656
Android (android.graphics.Color)	4291175875 (0xFFC625C3)
YUV	103.1510, 45.2816, 83.1826
Hunter-Lab	41.5560, 72.4642, -46.7874

Details

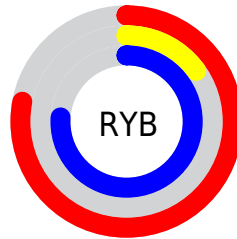
The Hex color **C625C3** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **25C628**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF68FC**, and **8C008D** is the 20% darker color. If you saturate the color by 10%, you get **C611C3**, and if you desaturate by 10%, it is **C639C3**.

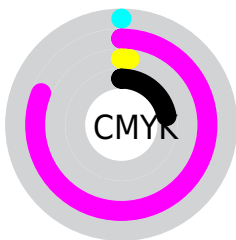
Distribution



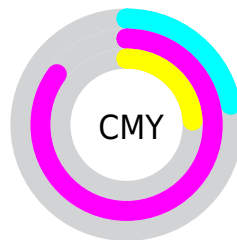
- Red (78%)
- Green (15%)
- Blue (76%)



- Red (78%)
- Yellow (15%)
- Blue (76%)



- Cyan (0%)
- Magenta (81%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (85%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color C625C3 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 C625C3 by changing the saturation by 10% instead.

 C625C3

 C625C3

FFFFFF

 A900A7

 FF68FC

 8C008D

 FF85FF

 6F0072

 FFA3FF

 530059

 FFC0FF

 390041

 FFDEFF

 1A002A

 FFFCFF

 000114

 000000

 C625C3

 C625C3

 C611C3

 C639C3

 C600C2

 C64DC4

 C660C4

 C674C4

 C688C5

 C69CC5

 C6B0C6

 C6C3C6

 C6D7C6

Harmonies

Analogous

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



5561FA



C625C3



EE007A

Triad

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



C625C3



907000



0091BA

Complementary

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



C625C3



25C628

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.



00906E



C625C3



438300

Square

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



C625C3



C74C00



008C16



008EF5

Rectangle

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



C625C3



F00049



008C16



0091A2

Sweetspot

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



C625C3



FFC2FE



2825C6



805B7F



000000



808080

Same Dimension

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



C625C3



FF05FA



C62573



635A63



A300A0



240023

Inverse Universe

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



C625C3



FF05FA



25C678



635A63



A300A0



240023

Previews

White Background



This preview shows how the Hex color C625C3 looks on a white background.

Color Contrast Check

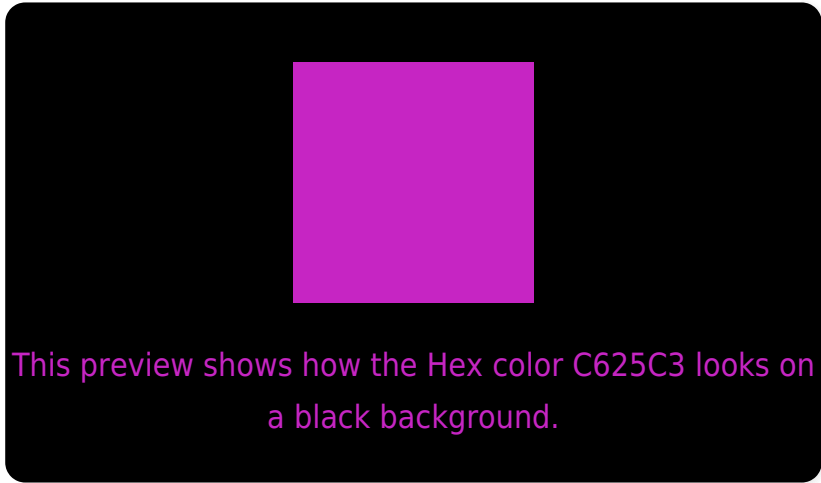
Large Text (above 18pt) WCAG AA ✓ Pass

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

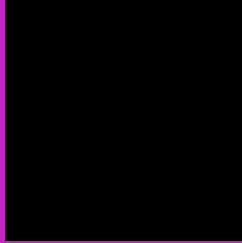
Any Text WCAG AA × Fail

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 C625C3 Background



This preview shows how black text looks on a background with the Hex color C625C3.

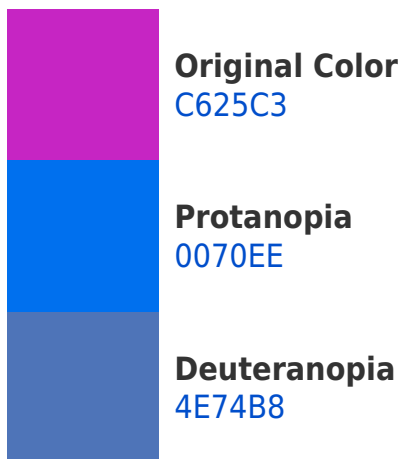


This preview shows how white text looks on a background with the Hex color C625C3.

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



Trichromacy



Original Color
C625C3



Protanomaly
4855DE



Deuteranomaly
7A57BC



Tritanomaly
BE427F

Monochromacy



Original Color
C625C3



Achromatopsia
676767



Achromatomaly
8A4F88

CSS Examples

Text

The CSS property to change the color of the text to Hex C625C3 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 #C625C3 looks like.

```
.text, #text, p{  
    color:#C625C3  
}
```

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 #C625C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C625C3
}
```

Border

The CSS property to change the border of an element to Hex C625C3 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
#C625C3 }
```

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

```
.border{ border-color:#C625C3 }
```

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

Here you see how a box with a 4 pixel #C625C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C625C3; -webkit-box-shadow:4px 4px  
4px 4px #C625C3; box-shadow:4px 4px 4px  
4px #C625C3 }
```

Background

The CSS property to change the background color of an element to Hex C625C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C625C3 }
```

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

```
.background{ background-color:#C625C3 }
```

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