

Converting Colors

Hex(C563CC)

Have a look what the booklet for
Hex(C563CC) contains.

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Color

Hex(C563CC)

Conversions

Conversions Part 1

Format	Color
Hex	C563CC
RGB	197, 99, 204
RGB Percent	77%, 39%, 80%
CMY	0.2275, 0.6118, 0.2000
CMYK	0.03, 0.51, 0.00, 0.20
HSL	296°, 51%, 59%
HSV	296°, 51%, 80%
XYZ	38.3869, 25.1536, 59.9587
YIQ	140.2720, 24.7030, 53.4310

Conversions

Conversions Part 2

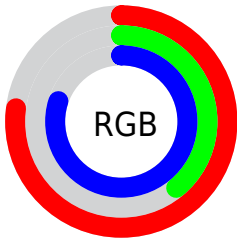
Format	Color
RYB	197, 99, 204
Decimal	12936140
CIELab	57.22, 53.96, -37.68
CIELCh	57, 65.818, 325.075
Yxy	25.1536, 0.3108, 0.2037
Android (android.graphics.Color)	4291126220 (0xFFC563CC)
YUV	140.2720, 31.4179, 49.7505
Hunter-Lab	50.1534, 48.8536, -35.7742

Details

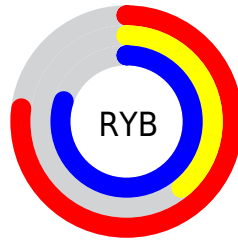
The Hex color **C563CC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6ACC63**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF99FF**, and **8D2D95** is the 20% darker color. If you saturate the color by 10%, you get **C44FCC**, and if you desaturate by 10%, it is **C677CC**.

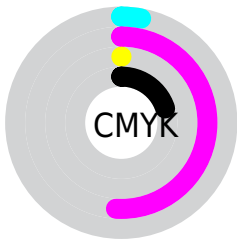
Distribution



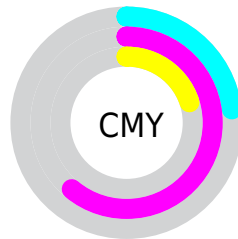
- Red (77%)
- Green (39%)
- Blue (80%)



- Red (77%)
- Yellow (39%)
- Blue (80%)



- Cyan (3%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (61%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color C563CC 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 C563CC by changing the saturation by 10% instead.

 C563CC

 C563CC

FFFFFF

 A948B0

 FF99FF

 8D2D95

 FFB5FF

 71097B

 FFD2FF

 570062

 FFEFFF

 3D0049

 250032

 00021C

 000000

 C563CC

 C563CC

 C44FCC

 C677CC

 C23ACC

 C88CCC

 C126CC

 C9A0CC

 C011CC

 CAB5CC

 BE00CC

 CCC9CC

 CDDDC

 CFF2CC

 D0FFCC

 D1FFCC

Harmonies

Analogous

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



757EF2



C563CC



EA4E95

Triad

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



C563CC



AD8300



00A4B9

Complementary

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



C563CC



6ACC63

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.



00A37E



C563CC



769404

Square

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



C563CC



D66C29



159E43



009FE7

Rectangle

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



C563CC



F04F6F



159E43



00A4A6

Sweetspot

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



C563CC



FCD9FF



636ACC



7E6980



000000



808080

Same Dimension

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



C563CC



F461FF



CC639F



655C66



9B00A6



240026

Inverse Universe

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



CC636A



FF616B



63CC91



665C5C



A6000B



260003

Previews

White Background



This preview shows how the Hex color C563CC 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 C563CC Background



This preview shows how black text looks on a background with the Hex color C563CC.

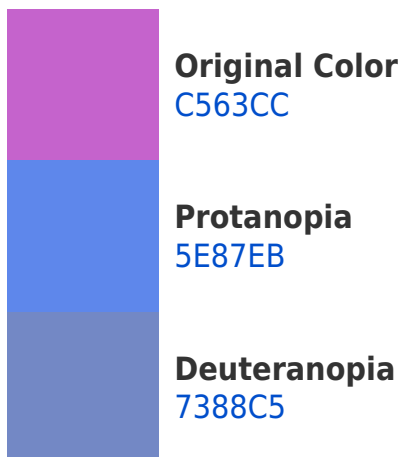



This preview shows how white text looks on a background with the Hex color C563CC.

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
BB767F

Trichromacy



Original Color
C563CC



Protanomaly
837AE0



Deuteranomaly
917BC8



Tritanomaly
BF6F9B

Monochromacy



Original Color
C563CC



Achromatopsia
8C8C8C



Achromatomaly
A17DA3

CSS Examples

Text

The CSS property to change the color of the text to Hex C563CC 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 #C563CC looks like.

```
.text, #text, p{  
    color:#C563CC  
}
```

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 #C563CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C563CC
}
```

Border

The CSS property to change the border of an element to Hex C563CC 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
#C563CC }
```

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

```
.border{ border-color:#C563CC }
```

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

Here you see how a box with a 4 pixel #C563CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C563CC; -webkit-box-shadow:4px 4px  
4px 4px #C563CC; box-shadow:4px 4px 4px  
4px #C563CC }
```

Background

The CSS property to change the background color of an element to Hex C563CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C563CC }
```

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

```
.background{ background-color:#C563CC }
```

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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