

Converting Colors

Hex(CC52AA)

Have a look what the booklet for
Hex(CC52AA) contains.

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Color

Hex(CC52AA)

Conversions

Conversions Part 1

Format	Color
Hex	CC52AA
RGB	204, 82, 170
RGB Percent	80%, 32%, 67%
CMY	0.2000, 0.6784, 0.3333
CMYK	0.00, 0.60, 0.17, 0.20
HSL	317°, 54%, 56%
HSV	317°, 60%, 80%
XYZ	35.1748, 21.7742, 40.3791
YIQ	128.5100, 44.4640, 53.2320

Conversions

Conversions Part 2

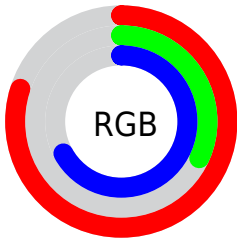
Format	Color
R_{YB}	204, 82, 170
Decimal	13390506
CIE _{Lab}	53.79, 58.17, -23.37
CIE _{LCh}	54, 62.692, 338.114
Yxy	21.7742, 0.3614, 0.2237
Android (android.graphics.Color)	4291580586 (0xFFCC52AA)
YUV	128.5100, 20.4546, 66.2047
Hunter-Lab	46.6629, 52.8947, -18.6419

Details

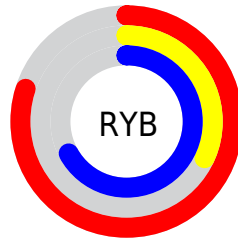
The Hex color **CC52AA** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **52CC74**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF89E1**, and **931276** is the 20% darker color. If you saturate the color by 10%, you get **CC3EA4**, and if you desaturate by 10%, it is **CC66B0**.

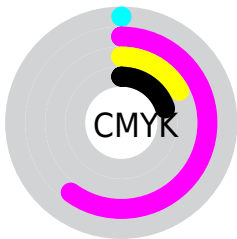
Distribution



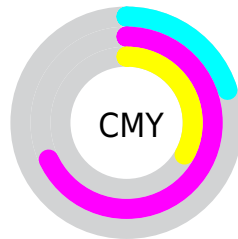
- Red (80%)
- Green (32%)
- Blue (67%)



- Red (80%)
- Yellow (32%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC52AA 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 CC52AA by changing the saturation by 10% instead.

 CC52AA

 CC52AA

FFFFFF

 AF358F

 FF89E1

 931276

 FFA5FE

 77005D

 FFC2FF

 5B0045

 FFDFFF

 41002E

 FFFCFF

 270019

 000000

 CC52AA

 CC52AA

 CC3EA4

 CC66B0

 CC299F

 CC7BB5

 CC1599

 CC8FBB

 CC0093

 CCA4C1

 CCB8C6

 CCCCCC

 CCE1D2

 CCF5D7

 CCFFDD

Harmonies

Analogous

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



946BD6



CC52AA



E04874

Triad

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



CC52AA



8D8300



0098C2

Complementary

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



CC52AA



52CC74

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.



00998E



CC52AA



529020

Square

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



CC52AA



BA6F0E



009756



0091E5

Rectangle

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



CC52AA



DE5051



009756



0099B2

Sweetspot

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



CC52AA



FFD1F2



7352CC



806378



000000



808080

Same Dimension

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



CC52AA



FF47CC



CC526E



665C63



A60078



26001C

Inverse Universe

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



CC52AA



FF47CC



52CCB0



665C63



A60078



26001C

Previews

White Background



This preview shows how the Hex color CC52AA looks on a white background.

Color Contrast Check

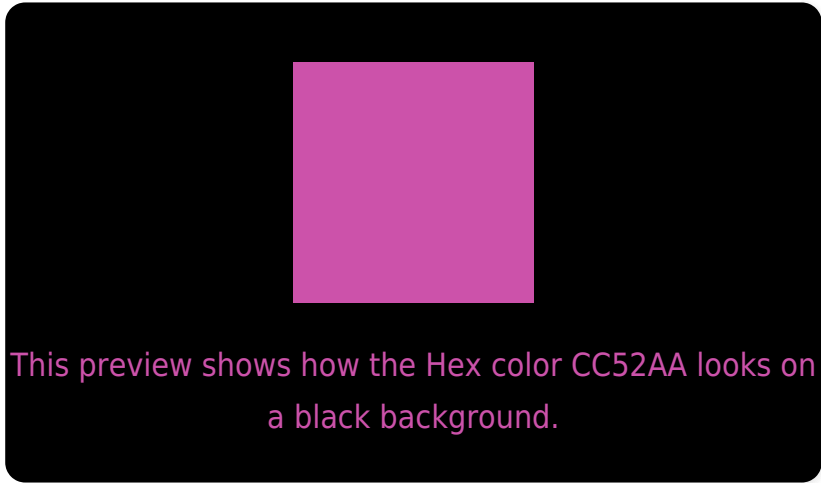
Large Text (above 18pt) WCAG AA ✓ Pass

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

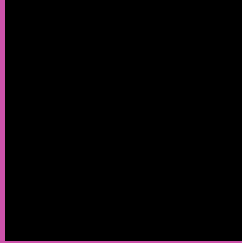
Any Text WCAG AA ✓ Pass

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 CC52AA Background



This preview shows how black text looks on a background with the Hex color CC52AA.

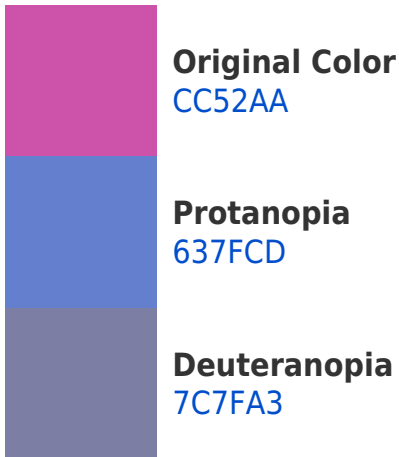


This preview shows how white text looks on a background with the Hex color CC52AA.

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](#).

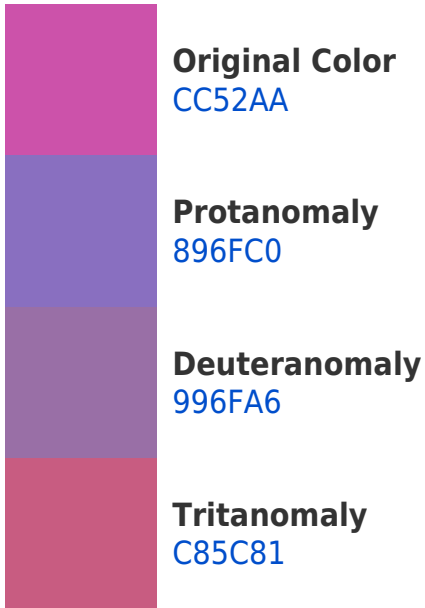
Dichromacy



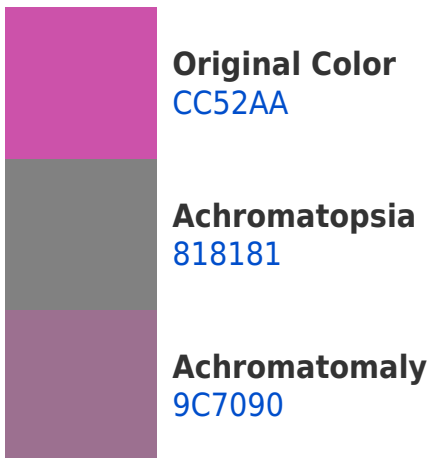


Tritanopia
C66269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC52AA 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 #CC52AA looks like.

```
.text, #text, p{  
    color:#CC52AA  
}
```

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 #CC52AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC52AA
}
```

Border

The CSS property to change the border of an element to Hex CC52AA 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
#CC52AA }
```

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

```
.border{ border-color:#CC52AA }
```

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

Here you see how a box with a 4 pixel #CC52AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC52AA; -webkit-box-shadow:4px 4px  
4px 4px #CC52AA; box-shadow:4px 4px 4px  
4px #CC52AA }
```

Background

The CSS property to change the background color of an element to Hex CC52AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC52AA }
```

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

```
.background{ background-color:#CC52AA }
```

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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