

Converting Colors

Hex(CC53CC)

Have a look what the booklet for
Hex(CC53CC) contains.

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Color

Hex(CC53CC)

Conversions

Conversions Part 1

Format	Color
Hex	CC53CC
RGB	204, 83, 204
RGB Percent	80%, 33%, 80%
CMY	0.2000, 0.6745, 0.2000
CMYK	0.00, 0.59, 0.00, 0.20
HSL	300°, 54%, 56%
HSV	300°, 59%, 80%
XYZ	38.8942, 23.3835, 59.5903
YIQ	132.9730, 33.2750, 63.2830

Conversions

Conversions Part 2

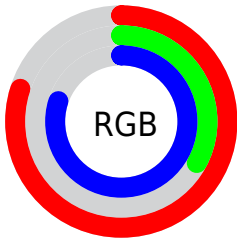
Format	Color
RYB	204, 83, 204
Decimal	13390796
CIELab	55.47, 63.17, -40.38
CIELCh	55, 74.972, 327.413
Yxy	23.3835, 0.3192, 0.1919
Android (android.graphics.Color)	4291580876 (0xFFCC53CC)
YUV	132.9730, 35.0163, 62.2907
Hunter-Lab	48.3565, 58.9475, -39.2142

Details

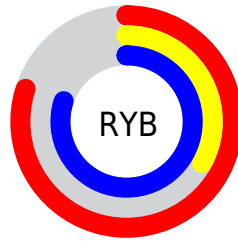
The Hex color **CC53CC** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **53CC53**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8BFF**, and **931195** is the 20% darker color. If you saturate the color by 10%, you get **CC3FCC**, and if you desaturate by 10%, it is **CC67CC**.

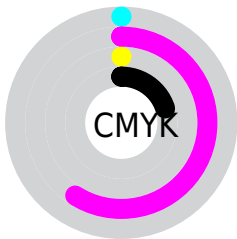
Distribution



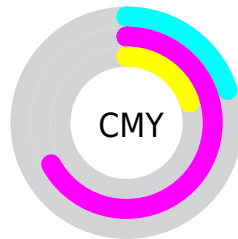
- Red (80%)
- Green (33%)
- Blue (80%)



- Red (80%)
- Yellow (33%)
- Blue (80%)



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC53CC 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 CC53CC by changing the saturation by 10% instead.

 CC53CC

 CC53CC

FFFFFF

 AF36B0

 FF8BFF

 931195

 FFA7FF

 77007B

 FFC4FF

 5B0062

 FFE1FF

 410049

 270032

 00011C

 000000

 CC53CC

 CC53CC

■ CC3FCC

■ CC67CC

■ CC2ACC

■ CC7CCC

■ CC16CC

■ CC90CC

■ CC01CC

■ CCA5CC

■ CC00CC

■ CCB9CC

■ CCCDCC

■ CCE2CC

■ CCF6CC

■ CCFFCC

Harmonies

Analogous

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



7276FA



CC53CC



F2368D

Triad

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



CC53CC



A58000



00A1BF

Complementary

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



CC53CC



53CC53

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.



00A17D



CC53CC



669200

Square

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



CC53CC



D56404



009C39



009CF2

Rectangle

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



CC53CC



F63962



009C39



00A1AA

Sweetspot

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



CC53CC



FFD1FF



5353CC



806380



000000



808080

Same Dimension

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



CC53CC



FF4AFF



CC5390



665C66



A600A6



260026

Inverse Universe

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



CC53CC



FF4AFF



53CC90



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color CC53CC looks on a white background.

Color Contrast Check

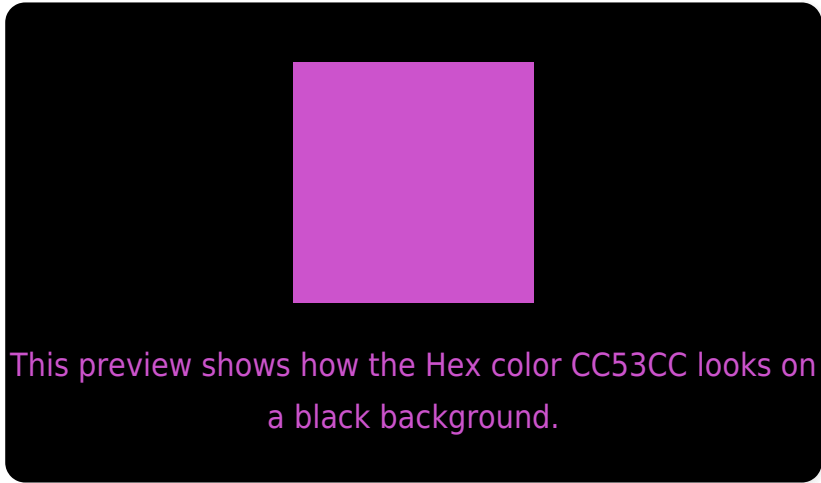
Large Text (above 18pt) WCAG AA ✓ Pass

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

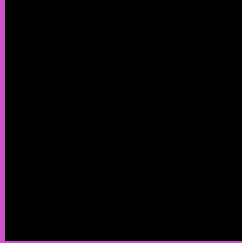
Any Text WCAG AA ✓ Pass

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 CC53CC Background



This preview shows how black text looks on a background with the Hex color CC53CC.

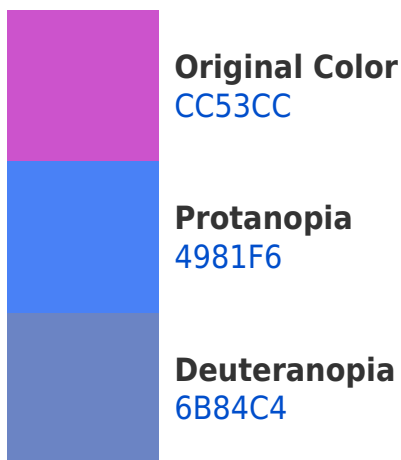



This preview shows how white text looks on a background with the Hex color CC53CC.

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
C16C73

Trichromacy



Original Color
CC53CC



Protanomaly
7970E7



Deuteranomaly
8E72C7



Tritanomaly
C56393

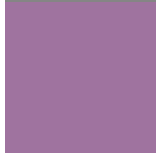
Monochromacy



Original Color
CC53CC



Achromatopsia
858585



Achromatomaly
9F739F

CSS Examples

Text

The CSS property to change the color of the text to Hex CC53CC 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 #CC53CC looks like.

```
.text, #text, p{  
    color:#CC53CC  
}
```

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 #CC53CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC53CC
}
```

Border

The CSS property to change the border of an element to Hex CC53CC 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
#CC53CC }
```

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

```
.border{ border-color:#CC53CC }
```

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

Here you see how a box with a 4 pixel #CC53CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC53CC; -webkit-box-shadow:4px 4px  
4px 4px #CC53CC; box-shadow:4px 4px 4px  
4px #CC53CC }
```

Background

The CSS property to change the background color of an element to Hex CC53CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC53CC }
```

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

```
.background{ background-color:#CC53CC }
```

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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