

Converting Colors

Hex(C41CC6)

Have a look what the booklet for
Hex(C41CC6) contains.

Hex(C41CC6)	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(C41CC6)

Conversions

Conversions Part 1

Format	Color
Hex	C41CC6
RGB	196, 28, 198
RGB Percent	77%, 11%, 78%
CMY	0.2314, 0.8902, 0.2235
CMYK	0.01, 0.86, 0.00, 0.22
HSL	299°, 75%, 44%
HSV	299°, 86%, 78%
XYZ	33.3732, 16.6435, 54.8796
YIQ	97.6120, 45.5580, 88.4860

Conversions

Conversions Part 2

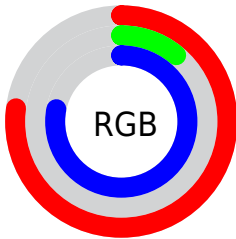
Format	Color
R _Y B	196, 28, 198
Decimal	12852422
CIE Lab	47.81, 77.71, -49.15
CIE LCh	48, 91.948, 327.686
Yxy	16.6435, 0.3182, 0.1587
Android (android.graphics.Color)	4291042502 (0xFFC41CC6)
YUV	97.6120, 49.4913, 86.2863
Hunter-Lab	40.7964, 74.6270, -51.1998

Details

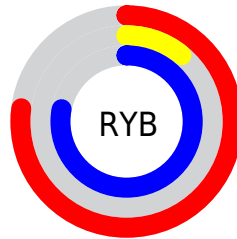
The Hex color **C41CC6** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **1EC61C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF63FF**, and **8A008F** is the 20% darker color. If you saturate the color by 10%, you get **C408C6**, and if you desaturate by 10%, it is **C430C6**.

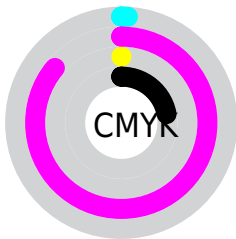
Distribution



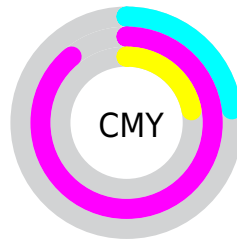
- Red (77%)
- Green (11%)
- Blue (78%)



- Red (77%)
- Yellow (11%)
- Blue (78%)



- Cyan (1%)
- Magenta (86%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (89%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C41CC6 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 C41CC6 by changing the saturation by 10% instead.

 C41CC6

 C41CC6

FFFFFF

 A700AA

 FF63FF

 8A008F

 FF81FF

 6D0075

 FF9FFF

 51005C

 FFBCFF

 360043

 FFDAFF

 16002C

 FFF8FF

 000116

 000000

 C41CC6

 C41CC6

 C408C6

 C430C6

 C400C6

 C444C6

 C557C6

 C56BC6

 C57FC6

 C593C6

 C6A7C6

 C6BAC6

 C6CEC6

Harmonies

Analogous

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



445FFE



C41CC6



EF007B

Triad

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



C41CC6



906D00



0090B8

Complementary

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



C41CC6



1EC61C

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.



008F69



C41CC6



418100

Square

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



C41CC6



C94600



008B06



008DF6

Rectangle

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



C41CC6



F10049



008B06



00909F

Sweetspot

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



C41CC6



FEBDFE



1C1FC6



7F5880



000000



808080

Same Dimension

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



C41CC6



FC00FF



C61C74



635A63



A100A3



230024

Inverse Universe

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



C61C1E



FF0003



1CC66E



635A5A



A30002



240000

Previews

White Background



This preview shows how the Hex color C41CC6 looks on a white background.

Color Contrast Check

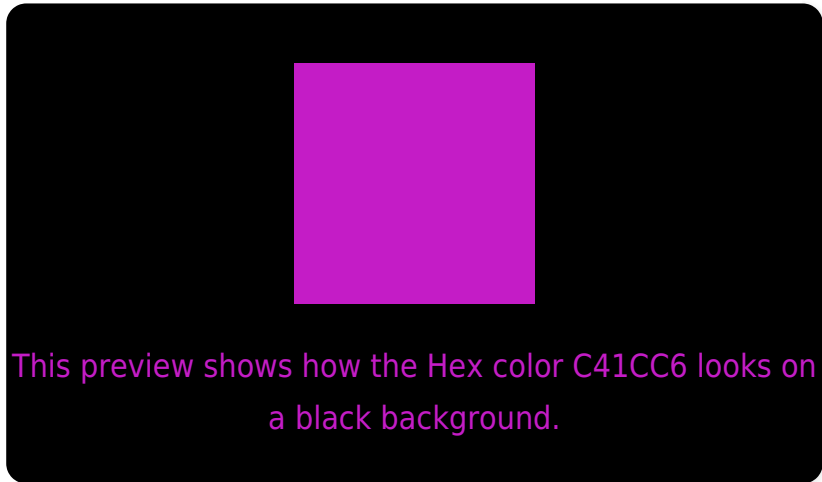
Large Text (above 18pt) WCAG AA ✓ Pass

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

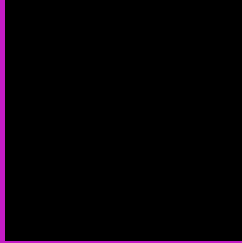
Any Text WCAG AA × Fail

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 C41CC6 Background



This preview shows how black text looks on a background with the Hex color C41CC6.

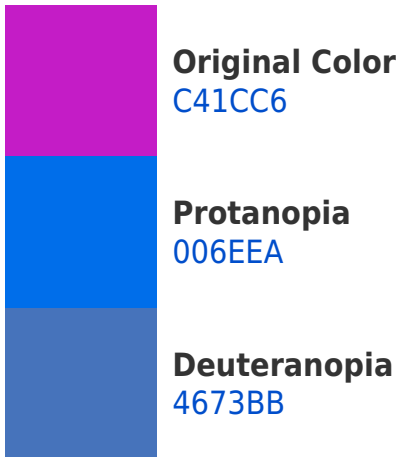



This preview shows how white text looks on a background with the Hex color C41CC6.

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
B85156

Trichromacy



Original Color
C41CC6



Protanomaly
4750DD



Deuteranomaly
7453BF



Tritanomaly
BC3E7F

Monochromacy



Original Color
C41CC6



Achromatopsia
626262



Achromatomaly
864986

CSS Examples

Text

The CSS property to change the color of the text to Hex C41CC6 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 #C41CC6 looks like.

```
.text, #text, p{  
    color:#C41CC6  
}
```

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 #C41CC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C41CC6
}
```

Border

The CSS property to change the border of an element to Hex C41CC6 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
#C41CC6 }
```

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

```
.border{ border-color:#C41CC6 }
```

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

Here you see how a box with a 4 pixel #C41CC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C41CC6; -webkit-box-shadow:4px 4px  
4px 4px #C41CC6; box-shadow:4px 4px 4px  
4px #C41CC6 }
```

Background

The CSS property to change the background color of an element to Hex C41CC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C41CC6 }
```

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

```
.background{ background-color:#C41CC6 }
```

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