

Converting Colors

Hex(C45BC6)

Have a look what the booklet for
Hex(C45BC6) contains.

Hex(C45BC6)	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(C45BC6)

Conversions

Conversions Part 1

Format	Color
Hex	C45BC6
RGB	196, 91, 198
RGB Percent	77%, 36%, 78%
CMY	0.2314, 0.6431, 0.2235
CMYK	0.01, 0.54, 0.00, 0.22
HSL	299°, 48%, 57%
HSV	299°, 54%, 78%
XYZ	36.6991, 23.2952, 55.9882
YIQ	134.5930, 28.2330, 55.5370

Conversions

Conversions Part 2

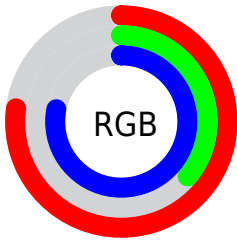
Format	Color
RYB	196, 91, 198
Decimal	12868550
CIELab	55.38, 56.44, -37.17
CIELCh	55, 67.579, 326.632
Yxy	23.2952, 0.3164, 0.2009
Android (android.graphics.Color)	4291058630 (0xFFC45BC6)
YUV	134.5930, 31.2597, 53.8539
Hunter-Lab	48.2650, 51.2614, -34.9918

Details

The Hex color **C45BC6** 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 **5DC65B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF92FF**, and **8C2290** is the 20% darker color. If you saturate the color by 10%, you get **C447C6**, and if you desaturate by 10%, it is **C46FC6**.

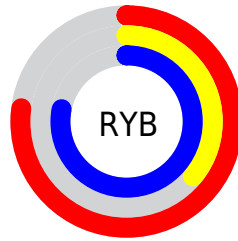
Distribution



Red (77%)

Green (36%)

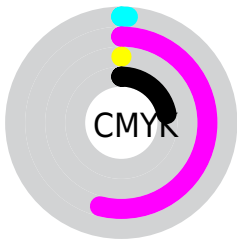
Blue (78%)



Red (77%)

Yellow (36%)

Blue (78%)

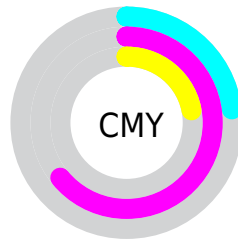


Cyan (1%)

Magenta (54%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (64%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45BC6 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 C45BC6 by changing the saturation by 10% instead.

 C45BC6

 C45BC6

FFFFFF

 A740AA

 FF92FF

 8C2290

 FFAEFF

 700076

 FFCAFF

 55005D

 FFE7FF

 3B0044

 23002E

 000117

 000000

 C45BC6

 C45BC6

 C447C6

 C46FC6

 C333C6

 C583C6

 C320C6

 C596C6

 C30CC6

 C5AAC6

 C200C6

 C6BEC6

 C6D2C6

 C7E6C6

 C7F9C6

 C7FFC6

Harmonies

Analogous

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



7478EE



C45BC6



E8458E

Triad

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



C45BC6



A58000



009FB8

Complementary

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



C45BC6



5DC65B

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.



009F7C



C45BC6



6C9100

Square

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



C45BC6



D0671D



009A3F



009AE6

Rectangle

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



C45BC6



EC4767



009A3F



009FA5

Sweetspot

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



C45BC6



FED6FF



5B5FC6



7F6780



000000



808080

Same Dimension

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



C45BC6



FC59FF



C65B94



635A63



A000A3



230024

Inverse Universe

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



C65B5D



FF595C



5BC68D



635A5A



A30003



240001

Previews

White Background



This preview shows how the Hex color C45BC6 looks on a white background.

Color Contrast Check

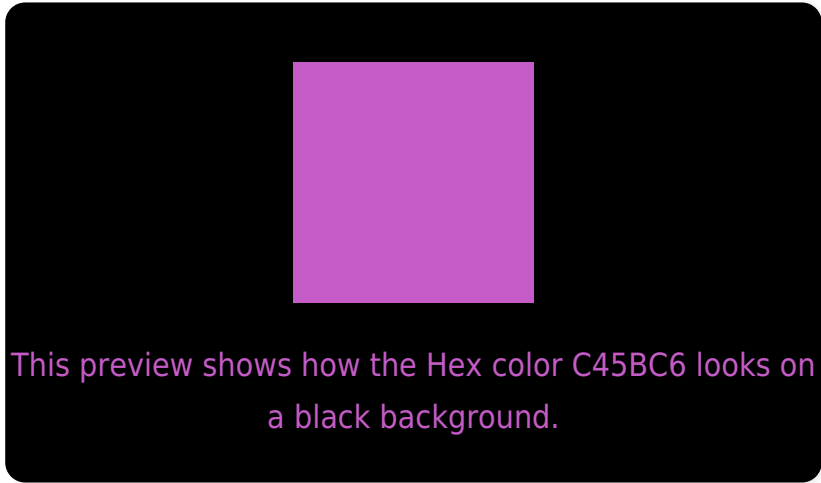
Large Text (above 18pt) WCAG AA ✓ Pass

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

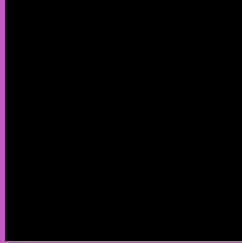
Any Text WCAG AA ✓ Pass

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 C45BC6 Background



This preview shows how black text looks on a background with the Hex color C45BC6.

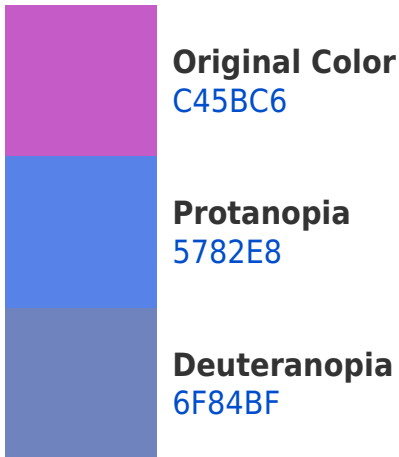


This preview shows how white text looks on a background with the Hex color C45BC6.

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
BA6F77

Trichromacy



Original Color
C45BC6



Protanomaly
7F74DC



Deuteranomaly
8E75C2



Tritanomaly
BE6894

Monochromacy



Original Color
C45BC6



Achromatopsia
878787



Achromatomaly
9D779E

CSS Examples

Text

The CSS property to change the color of the text to Hex C45BC6 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 #C45BC6 looks like.

```
.text, #text, p{  
    color:#C45BC6  
}
```

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 #C45BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45BC6
}
```

Border

The CSS property to change the border of an element to Hex C45BC6 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
#C45BC6 }
```

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

```
.border{ border-color:#C45BC6 }
```

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

Here you see how a box with a 4 pixel #C45BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45BC6; -webkit-box-shadow:4px 4px  
4px 4px #C45BC6; box-shadow:4px 4px 4px  
4px #C45BC6 }
```

Background

The CSS property to change the background color of an element to Hex C45BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45BC6 }
```

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

```
.background{ background-color:#C45BC6 }
```

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