

Converting Colors

Hex(C45D7B)

Have a look what the booklet for
Hex(C45D7B) contains.

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Color

Hex(C45D7B)

Conversions

Conversions Part 1

Format	Color
Hex	C45D7B
RGB	196, 93, 123
RGB Percent	77%, 36%, 48%
CMY	0.2314, 0.6353, 0.5176
CMYK	0.00, 0.53, 0.37, 0.23
HSL	343°, 47%, 57%
HSV	343°, 53%, 77%
XYZ	30.2545, 20.9945, 21.1967
YIQ	127.2170, 51.7580, 31.1660

Conversions

Conversions Part 2

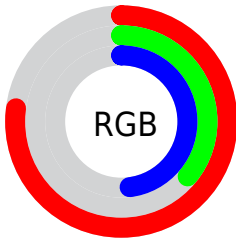
Format	Color
RYB	196, 93, 123
Decimal	12868987
CIELab	52.94, 44.22, 2.96
CIELCh	53, 44.321, 3.823
Yxy	20.9945, 0.4176, 0.2898
Android (android.graphics.Color)	4291059067 (0xFFC45D7B)
YUV	127.2170, -2.0790, 60.3227
Hunter-Lab	45.8198, 37.6776, 4.6457

Details

The Hex color **C45D7B** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5DC4A6**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF92AF**, and **8B284A** is the 20% darker color. If you saturate the color by 10%, you get **C4496D**, and if you desaturate by 10%, it is **C47189**.

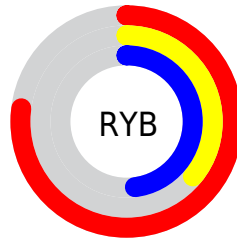
Distribution



Red (77%)

Green (36%)

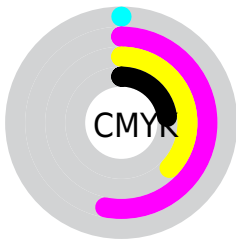
Blue (48%)



Red (77%)

Yellow (36%)

Blue (48%)

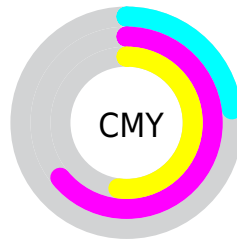


Cyan (0%)

Magenta (53%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45D7B 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 C45D7B by changing the saturation by 10% instead.

 C45D7B

 C45D7B

FFFFFF

 A74362

 FF92AF

 8B284A

 FFAECB

 6F0734

 FFCAE7

 54001F

 FFE7FF

 3B0006

 1B0001

 000000

 C45D7B

 C45D7B

 C4496D

 C47189

 C4365F

 C48497

 C42251

 C498A5

 C40F43

 C4ABB3

 C40039

 C4BFC0

 C4D3CE

 C4E6DC

 C4FAEA

 C4FFF8

Harmonies

Analogous

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



B164A1



C45D7B



C26356

Triad

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



C45D7B



68883C



008BC2

Complementary

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



C45D7B



5DC4A6

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.



0090A8



C45D7B



318F5B

Square

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



C45D7B



8F7E2E



009182



3F81CA

Rectangle

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



C45D7B



B76B42



009182



008DBB

Sweetspot

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



C45D7B



FFD6E2



A55DC4



80676E



000000



808080

Same Dimension

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



C45D7B



FF5E8D



C4725D



61575A



A1002F



21000A

Inverse Universe

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



C45D7B



FF5E8D



5DAFC4



61575A



A1002F



21000A

Previews

White Background



This preview shows how the Hex color C45D7B looks on a white background.

Color Contrast Check

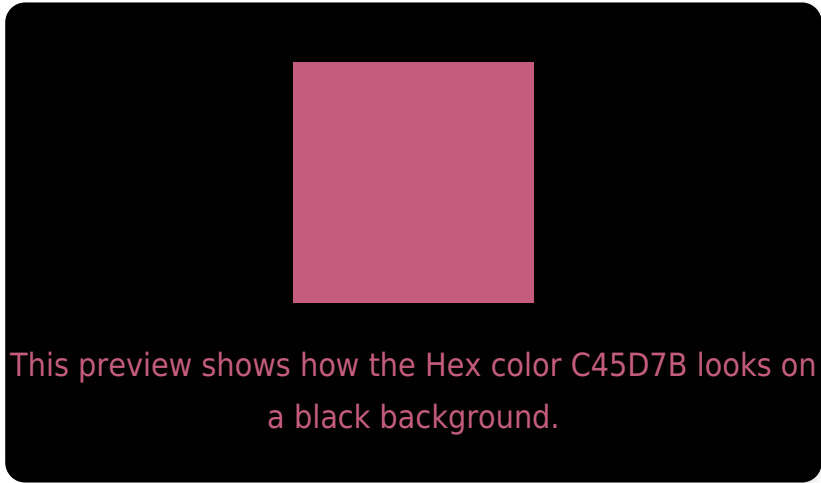
Large Text (above 18pt) WCAG AA ✓ Pass

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

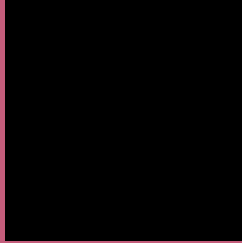
Any Text WCAG AA ✓ Pass

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 C45D7B Background



This preview shows how black text looks on a background with the Hex color C45D7B.



This preview shows how white text looks on a background with the Hex color C45D7B.

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
C26167

Trichromacy



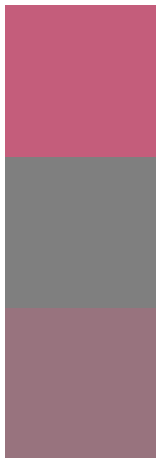
Original Color
C45D7B

Protanomaly
977287

Deuteranomaly
A27078

Tritanomaly
C3606E

Monochromacy



Original Color
C45D7B

Achromatopsia
7F7F7F

Achromatomaly
98737E

CSS Examples

Text

The CSS property to change the color of the text to Hex C45D7B 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 #C45D7B looks like.

```
.text, #text, p{  
    color:#C45D7B  
}
```

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 #C45D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45D7B  
}
```

Border

The CSS property to change the border of an element to Hex C45D7B 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  
#C45D7B }
```

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

```
.border{ border-color:#C45D7B }
```

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

Here you see how a box with a 4 pixel #C45D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45D7B; -webkit-box-shadow:4px 4px  
4px 4px #C45D7B; box-shadow:4px 4px 4px  
4px #C45D7B }
```

Background

The CSS property to change the background color of an element to Hex C45D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45D7B }
```

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

```
.background{ background-color:#C45D7B }
```

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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