

Converting Colors

Hex(D45BA8)

Have a look what the booklet for
Hex(D45BA8) contains.

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Color

Hex(D45BA8)

Conversions

Conversions Part 1

Format	Color
Hex	D45BA8
RGB	212, 91, 168
RGB Percent	83%, 36%, 66%
CMY	0.1686, 0.6431, 0.3412
CMYK	0.00, 0.57, 0.21, 0.17
HSL	322°, 58%, 59%
HSV	322°, 57%, 83%
XYZ	37.9603, 24.3064, 39.7367
YIQ	135.9570, 47.3990, 49.5990

Conversions

Conversions Part 2

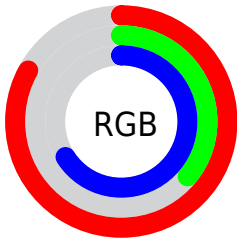
Format	Color
R _Y B	212, 91, 168
Decimal	13917096
CIE Lab	56.39, 56.17, -18.11
CIE LCh	56, 59.021, 342.132
Yxy	24.3064, 0.3721, 0.2383
Android (android.graphics.Color)	4292107176 (0xFFD45BA8)
YUV	135.9570, 15.7972, 66.6897
Hunter-Lab	49.3015, 51.1609, -13.2763

Details

The Hex color **D45BA8** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5BD487**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF92DF**, and **9A2074** is the 20% darker color. If you saturate the color by 10%, you get **D446A0**, and if you desaturate by 10%, it is **D470B0**.

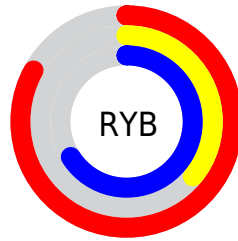
Distribution



Red (83%)

Green (36%)

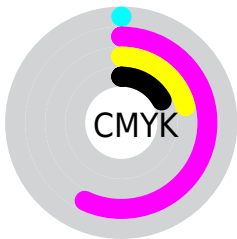
Blue (66%)



Red (83%)

Yellow (36%)

Blue (66%)

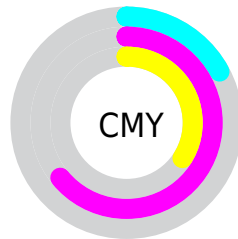


Cyan (0%)

Magenta (57%)

Yellow (21%)

Black (17%)



Cyan (17%)

Magenta (64%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color D45BA8 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 D45BA8 by changing the saturation by 10% instead.

 D45BA8

 D45BA8

FFFFFF

 B73F8D

 FF92DF

 9A2074

 FFAEFC

 7E005B

 FFCBFF

 630043

 FFE8FF

 48002D

 2F0018

 000000

 D45BA8

 D45BA8

 D446A0

 D470B0

 D43199

 D485B7

 D41B91

 D49BBF

 D40689

 D4B0C7

 D40087

 D4C5CF

 D4DAD6

 D4EFDE

 D4FFE6

 D4FFED

Harmonies

Analogous

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



A470D4



D45BA8



E45574

Triad

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



D45BA8



8E8B10



009DCB

Complementary

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



D45BA8



5BD487

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.



00A09B



D45BA8



549735

Square

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



D45BA8



BA791D



009D66



0095E9

Rectangle

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



D45BA8



DF5E54



009D66



009FBD

Sweetspot

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



D45BA8



FFD4EF



855BD4



806676



000000



808080

Same Dimension

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



D45BA8



FF52C0



D45B6D



6B6067



AB006D



2B001C

Inverse Universe

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



D45BA8



FF52C0



5BD4C2



6B6067



AB006D



2B001C

Previews

White Background



This preview shows how the Hex color D45BA8 looks on a white background.

Color Contrast Check

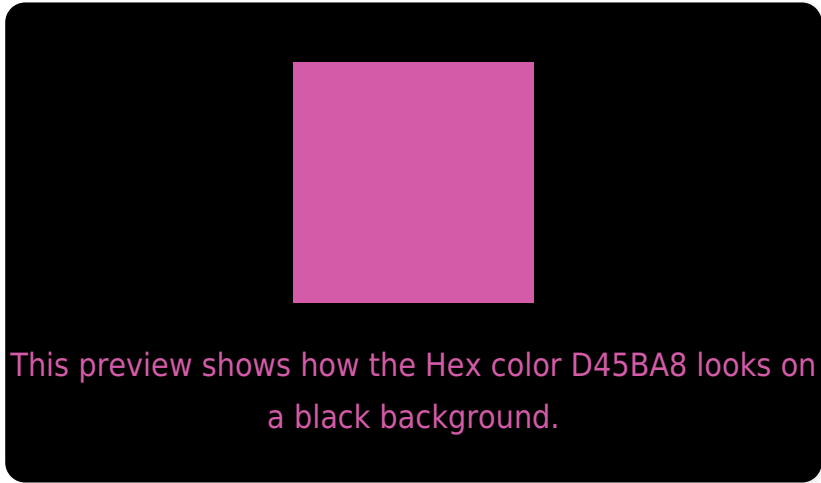
Large Text (above 18pt) WCAG AA ✓ Pass

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 D45BA8 Background



This preview shows how black text looks on a background with the Hex color D45BA8.

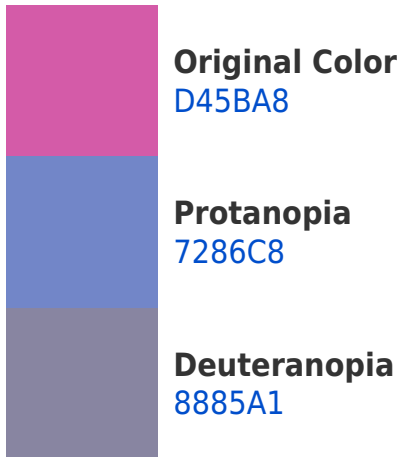



This preview shows how white text looks on a background with the Hex color D45BA8.

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](#).

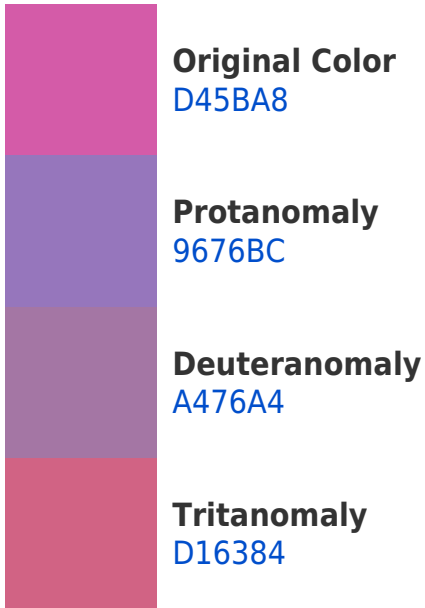
Dichromacy



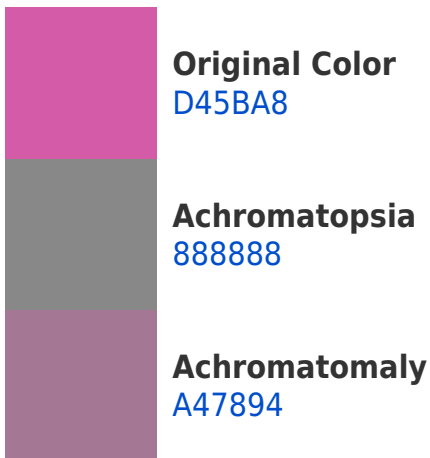


Tritanopia
CF686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D45BA8 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 #D45BA8 looks like.

```
.text, #text, p{  
    color:#D45BA8  
}
```

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 #D45BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45BA8
}
```

Border

The CSS property to change the border of an element to Hex D45BA8 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
#D45BA8 }
```

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

```
.border{ border-color:#D45BA8 }
```

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

Here you see how a box with a 4 pixel #D45BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45BA8; -webkit-box-shadow:4px 4px  
4px 4px #D45BA8; box-shadow:4px 4px 4px  
4px #D45BA8 }
```

Background

The CSS property to change the background color of an element to Hex D45BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45BA8 }
```

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

```
.background{ background-color:#D45BA8 }
```

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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