

Converting Colors

Hex(D45EB8)

Have a look what the booklet for
Hex(D45EB8) contains.

Hex(D45EB8)	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(D45EB8)

Conversions

Conversions Part 1

Format	Color
Hex	D45EB8
RGB	212, 94, 184
RGB Percent	83%, 37%, 72%
CMY	0.1686, 0.6314, 0.2784
CMYK	0.00, 0.56, 0.13, 0.17
HSL	314°, 58%, 60%
HSV	314°, 56%, 83%
XYZ	39.8058, 25.4631, 48.1643
YIQ	139.5420, 41.4380, 53.0060

Conversions

Conversions Part 2

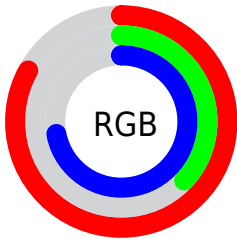
Format	Color
R _Y B	212, 94, 184
Decimal	13917880
CIE Lab	57.52, 57.17, -25.62
CIE LCh	58, 62.653, 335.860
Yxy	25.4631, 0.3509, 0.2245
Android (android.graphics.Color)	4292107960 (0xFFD45EB8)
YUV	139.5420, 21.9178, 63.5457
Hunter-Lab	50.4610, 52.5016, -21.2687

Details

The Hex color **D45EB8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **5ED47A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF95F0**, and **9B2483** is the 20% darker color. If you saturate the color by 10%, you get **D449B3**, and if you desaturate by 10%, it is **D473BD**.

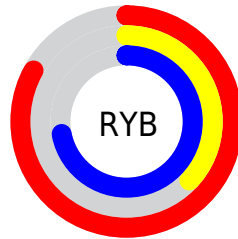
Distribution



Red (83%)

Green (37%)

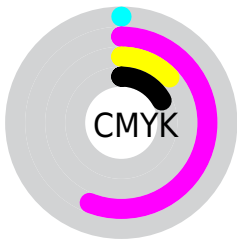
Blue (72%)



Red (83%)

Yellow (37%)

Blue (72%)

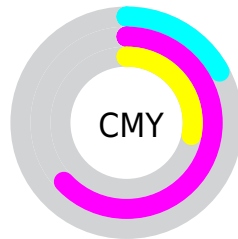


Cyan (0%)

Magenta (56%)

Yellow (13%)

Black (17%)



Cyan (17%)

Magenta (63%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color D45EB8 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 D45EB8 by changing the saturation by 10% instead.

 D45EB8

 D45EB8

FFFFFF

 B7429D

 FF95F0

 9B2483

 FFB1FF

 7F0069

 FFCEFF

 630051

 FFE8FF

 49003A

 300024

 04000A

 000000

 D45EB8

 D45EB8

 D449B3

 D473BD

 D434AE

 D488C2

 D41EA9

 D49EC7

 D409A4

 D4B3CC

 D400A2

 D4C8D1

 D4DDD6

 D4F2DB

 D4FFE0

 D4FFE5

Harmonies

Analogous

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



9977E3



D45EB8



EB5382

Triad

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



D45EB8



9B8B00



00A2C9

Complementary

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



D45EB8



5ED47A

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.



00A494



D45EB8



629927

Square

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



D45EB8



C8771F



00A15B



009CEE

Rectangle

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



D45EB8



EA595E



00A15B



00A3B8

Sweetspot

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



D45EB8



FFD4F5



7A5ED4



806679



000000



808080

Same Dimension

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



D45EB8



FF54D6



D45E7D



6B6069



AB0082



2B0021

Inverse Universe

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



D45EB8



FF54D6



5ED4B5



6B6069



AB0082



2B0021

Previews

White Background



This preview shows how the Hex color D45EB8 looks on a white background.

Color Contrast Check

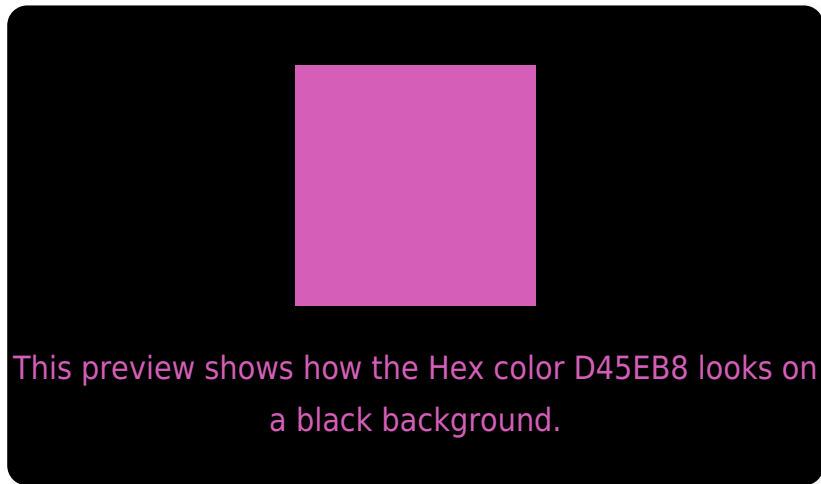
Large Text (above 18pt) WCAG AA ✓ Pass

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 D45EB8 Background



This preview shows how black text looks on a background with the Hex color D45EB8.



This preview shows how white text looks on a background with the Hex color D45EB8.

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](#).

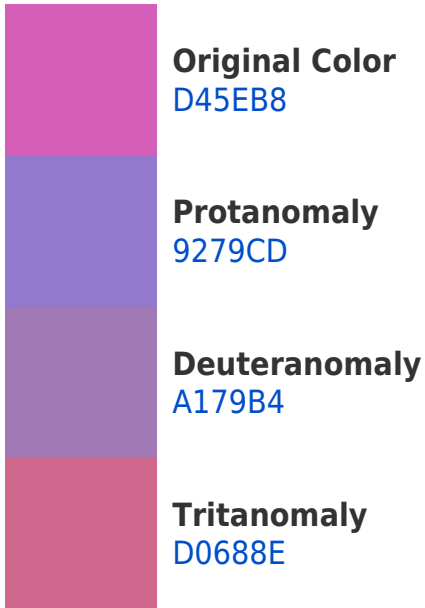
Dichromacy





Tritanopia
CD6E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D45EB8 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 #D45EB8 looks like.

```
.text, #text, p{  
    color:#D45EB8  
}
```

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 #D45EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45EB8  
}
```

Border

The CSS property to change the border of an element to Hex D45EB8 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  
#D45EB8 }
```

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

```
.border{ border-color:#D45EB8 }
```

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

Here you see how a box with a 4 pixel #D45EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45EB8; -webkit-box-shadow:4px 4px  
4px 4px #D45EB8; box-shadow:4px 4px 4px  
4px #D45EB8 }
```

Background

The CSS property to change the background color of an element to Hex D45EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45EB8 }
```

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

```
.background{ background-color:#D45EB8 }
```

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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