

Converting Colors

Hex(D58AEB)

Have a look what the booklet for
Hex(D58AEB) contains.

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Color

Hex(D58AEB)

Conversions

Conversions Part 1

Format	Color
Hex	D58AEB
RGB	213, 138, 235
RGB Percent	84%, 54%, 92%
CMY	0.1647, 0.4588, 0.0784
CMYK	0.09, 0.41, 0.00, 0.08
HSL	286°, 71%, 73%
HSV	286°, 41%, 92%
XYZ	51.5244, 38.3213, 83.2784
YIQ	171.4830, 13.5630, 46.0670

Conversions

Conversions Part 2

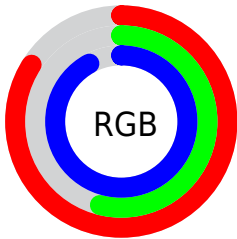
Format	Color
R _Y B	213, 138, 235
Decimal	13994731
CIE Lab	68.26, 44.51, -37.63
CIE LCh	68, 58.289, 319.788
Yxy	38.3213, 0.2976, 0.2214
Android (android.graphics.Color)	4292184811 (0xFFD58AEB)
YUV	171.4830, 31.3139, 36.4104
Hunter-Lab	61.9042, 40.2379, -36.4287

Details

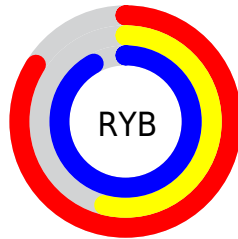
The Hex color **D58AEB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A0EB8A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC1FF**, and **9D56B3** is the 20% darker color. If you saturate the color by 10%, you get **D073EB**, and if you desaturate by 10%, it is **DAA2EB**.

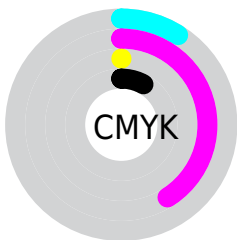
Distribution



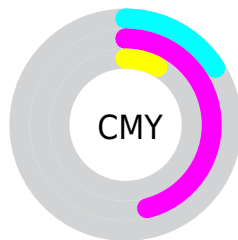
- Red (84%)
- Green (54%)
- Blue (92%)



- Red (84%)
- Yellow (54%)
- Blue (92%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D58AEB 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 D58AEB by changing the saturation by 10% instead.

 D58AEB

FFFFFF

 FFC1FF

 FFDDFF

 FFFAFF

 D58AEB

 B970CF

 9D56B3

 813C98

 67237E

 4D0464

 33004C

 1E0035

 00021E

 000000

 D58AEB

 D58AEB

 D073EB

 DAA2EB

 CA5BEB

 E0B9EB

 C544EB

 E5D1EB

 C02CEB

 EAE8EB

 BA15EB

 F0FFEB

 B600EB

 F5FFEB

 FAFFEB

 FFFFEB

Harmonies

Analogous

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



89A0FF



D58AEB



FE79BB

Triad

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



D58AEB



D39D3A



00C0C8

Complementary

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



D58AEB



A0EB8A

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.



00BF92



D58AEB



A2AE3C

Square

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



D58AEB



F78957



63B95F



00BCF6

Rectangle

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



D58AEB



FF7797



63B95F



00C0B7

Sweetspot

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



D58AEB



F8E0FF



8AA1EB



7B6E80



000000



808080

Same Dimension

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



D58AEB



E280FF



EB8AD1



736A75



8C00B5



290036

Inverse Universe

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



EB8AA0



FF809C



8AEBA4



756A6C



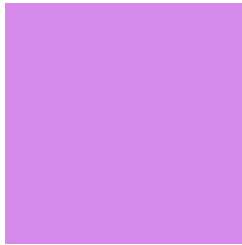
B50029



36000C

Previews

White Background



This preview shows how the Hex color D58AEB looks on a white background.

Color Contrast Check

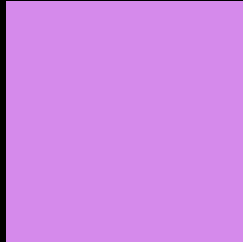
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D58AEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

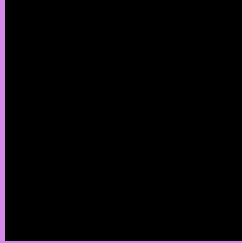
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D58AEB Background



This preview shows how black text looks on a background with the Hex color D58AEB.

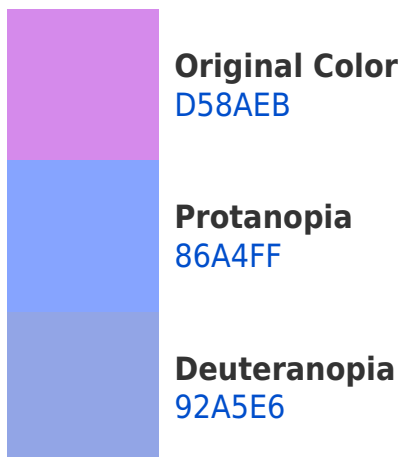


This preview shows how white text looks on a background with the Hex color D58AEB.

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
CB99A5

Trichromacy



Original Color
D58AEB



Protanomaly
A39BF8



Deuteranomaly
AA9BE8



Tritanomaly
CF94BE

Monochromacy



Original Color
D58AEB



Achromatopsia
ABABAB



Achromatomaly
BA9FC2

CSS Examples

Text

The CSS property to change the color of the text to Hex D58AEB 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 #D58AEB looks like.

```
.text, #text, p{  
    color:#D58AEB  
}
```

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 #D58AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D58AEB
}
```

Border

The CSS property to change the border of an element to Hex D58AEB 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
#D58AEB }
```

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

```
.border{ border-color:#D58AEB }
```

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

Here you see how a box with a 4 pixel #D58AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D58AEB; -webkit-box-shadow:4px 4px  
4px 4px #D58AEB; box-shadow:4px 4px 4px  
4px #D58AEB }
```

Background

The CSS property to change the background color of an element to Hex D58AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D58AEB }
```

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

```
.background{ background-color:#D58AEB }
```

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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