

Converting Colors

Hex(DA78B3)

Have a look what the booklet for
Hex(DA78B3) contains.

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Color

Hex(DA78B3)

Conversions

Conversions Part 1

Format	Color
Hex	DA78B3
RGB	218, 120, 179
RGB Percent	85%, 47%, 70%
CMY	0.1451, 0.5294, 0.2980
CMYK	0.00, 0.45, 0.18, 0.15
HSL	324°, 57%, 66%
HSV	324°, 45%, 85%
XYZ	43.7666, 31.5930, 46.4391
YIQ	156.0280, 39.4690, 39.1250

Conversions

Conversions Part 2

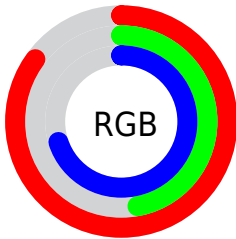
Format	Color
R _{YB}	218, 120, 179
Decimal	14317747
CIE _{Lab}	63.01, 45.57, -14.33
CIE _{LCh}	63, 47.766, 342.541
Yxy	31.5930, 0.3593, 0.2594
Android (android.graphics.Color)	4292507827 (0xFFDA78B3)
YUV	156.0280, 11.3252, 54.3494
Hunter-Lab	56.2077, 40.6271, -9.6404

Details

The Hex color **DA78B3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78DA9F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAEEB**, and **A1447E** is the 20% darker color. If you saturate the color by 10%, you get **DA62AA**, and if you desaturate by 10%, it is **DA8EBC**.

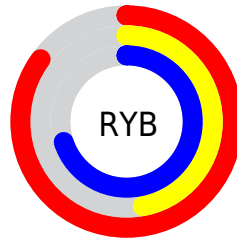
Distribution



Red (85%)

Green (47%)

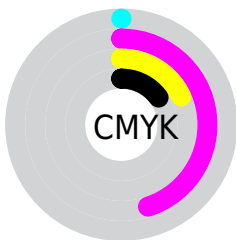
Blue (70%)



Red (85%)

Yellow (47%)

Blue (70%)

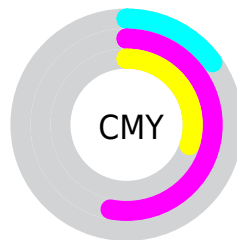


Cyan (0%)

Magenta (45%)

Yellow (18%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA78B3 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 DA78B3 by changing the saturation by 10% instead.

 DA78B3

 DA78B3

FFFFFF

 BD5E98

 FFAEEB

 A1447E

 FFCBFF

 852965

 FFE7FF

 6A084D

 500036

 370021

 1C0006

 000000

 DA78B3

 DA78B3

DA62AA

DA8EBC

DA4CA2

DAA4C4

DA3799

DAB9CD

DA2190

DACFD6

DA0B88

DAE5DE

DA0083

DAFBE7

DAFFF0

DAFFF8

DAFFFF

Harmonies

Analogous

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



B386D7



DA78B3



E87588

Triad

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



DA78B3



A09C42



00ACD1

Complementary

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



DA78B3



78DA9F

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.



00AEAA



DA78B3



71A657

Square

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



DA78B3



C68D46



2BAC7E



00A4E9

Rectangle

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



DA78B3



E57A6D



2BAC7E



00ADC5

Sweetspot

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



DA78B3



FFDEF2



9E78DA



806B77



000000



808080

Same Dimension

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



DA78B3



FF75C8



DA7883



6E6369



AD0068



2E001C

Inverse Universe

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



DA78B3



FF75C8



78DACF



6E6369



AD0068



2E001C

Previews

White Background



This preview shows how the Hex color DA78B3 looks on a white background.

Color Contrast Check

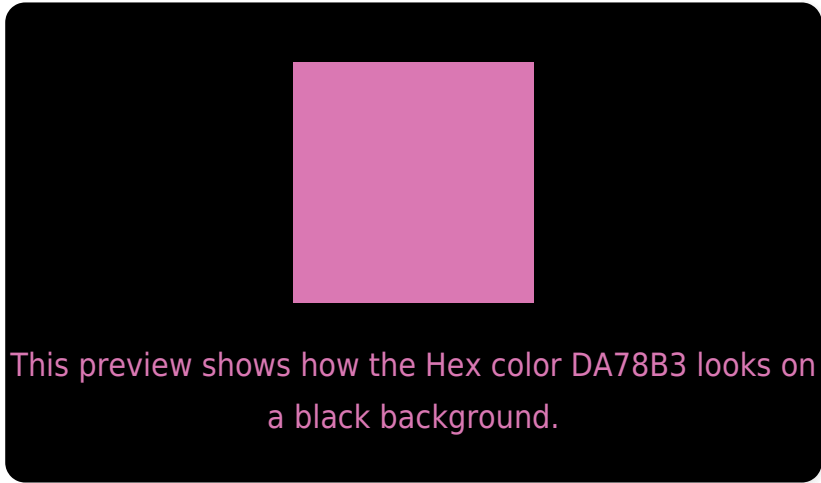
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

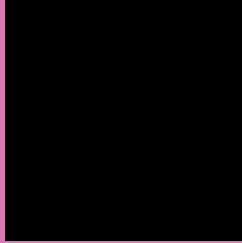
Any Text WCAG AA ✓ Pass

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 DA78B3 Background



This preview shows how black text looks on a background with the Hex color DA78B3.

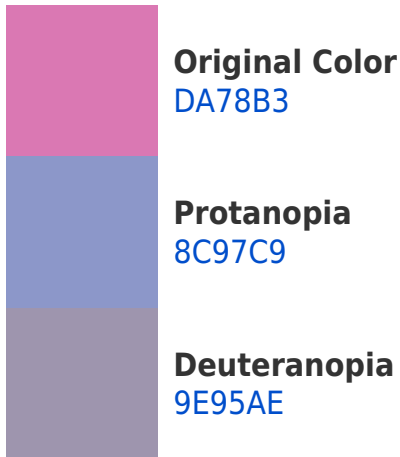



This preview shows how white text looks on a background with the Hex color DA78B3.

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
D6808A

Trichromacy



Original Color
DA78B3



Protanomaly
A88CC1



Deuteranomaly
B48AB0

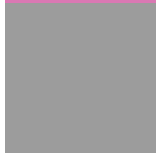


Tritanomaly
D77D99

Monochromacy



Original Color
DA78B3



Achromatopsia
9C9C9C



Achromatomaly
B38FA4

CSS Examples

Text

The CSS property to change the color of the text to Hex DA78B3 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 #DA78B3 looks like.

```
.text, #text, p{  
    color:#DA78B3  
}
```

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 #DA78B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA78B3
}
```

Border

The CSS property to change the border of an element to Hex DA78B3 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
#DA78B3 }
```

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

```
.border{ border-color:#DA78B3 }
```

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

Here you see how a box with a 4 pixel #DA78B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA78B3; -webkit-box-shadow:4px 4px  
4px 4px #DA78B3; box-shadow:4px 4px 4px  
4px #DA78B3 }
```

Background

The CSS property to change the background color of an element to Hex DA78B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA78B3 }
```

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

```
.background{ background-color:#DA78B3 }
```

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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