

Converting Colors

Hex(DA227B)

Have a look what the booklet for
Hex(DA227B) contains.

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Color

Hex(DA227B)

Conversions

Conversions Part 1

Format	Color
Hex	DA227B
RGB	218, 34, 123
RGB Percent	85%, 13%, 48%
CMY	0.1451, 0.8667, 0.5176
CMYK	0.00, 0.84, 0.44, 0.15
HSL	331°, 73%, 49%
HSV	331°, 84%, 85%
XYZ	33.0606, 17.4795, 20.3703
YIQ	99.1620, 81.0950, 66.6870

Conversions

Conversions Part 2

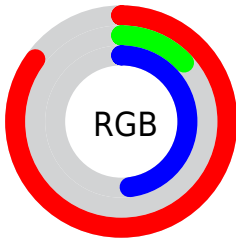
Format	Color
R_{YB}	218, 34, 123
Decimal	14295675
CIE Lab	48.86, 72.07, -2.56
CIE LCh	49, 72.119, 357.965
Yxy	17.4795, 0.4662, 0.2465
Android (android.graphics.Color)	4292485755 (0xFFDA227B)
YUV	99.1620, 11.7521, 104.2209
Hunter-Lab	41.8085, 67.9861, 0.3782

Details

The Hex color **DA227B** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22DA81**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF67AF**, and **9D004B** is the 20% darker color. If you saturate the color by 10%, you get **DA0C70**, and if you desaturate by 10%, it is **DA3886**.

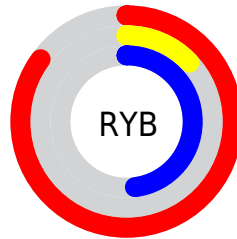
Distribution



Red (85%)

Green (13%)

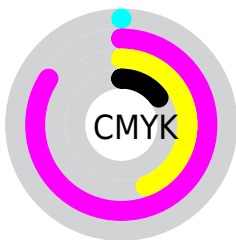
Blue (48%)



Red (85%)

Yellow (13%)

Blue (48%)

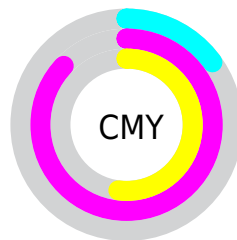


Cyan (0%)

Magenta (84%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (87%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA227B 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 DA227B by changing the saturation by 10% instead.

 DA227B

 DA227B

FFFFFF

 BB0062

 FF67AF

 9D004B

 FF84CB

 7F0034

 FFA2E7

 61001F

 FFBFFF

 460005

 FFDDFF

 260001

 FFBFFF

 000000

 DA227B

 DA227B

 DA0C70

 DA3886

■ DA0069

■ DA4E92

■ DA639D

■ DA79A8

■ DA8FB3

■ DAA5BF

■ DABBCA

■ DAD0D5

■ DAE6E0

Harmonies

Analogous

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



B743B6



DA227B



D9333F

Triad

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



DA227B



548100



008ADC

Complementary

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



DA227B



22DA81

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.



008EAC



DA227B



008A2D

Square

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



DA227B



907000



008E6E



007DF0

Rectangle

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



DA227B



C94A15



008E6E



008CCE

Sweetspot

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



DA227B



FFBFDE



7E22DA



80596C



000000



808080

Same Dimension

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



DA227B



FF007B



DA2222



6E6368



AD0054



2E0016

Inverse Universe

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



DA227B



FF007B



22DADA



6E6368



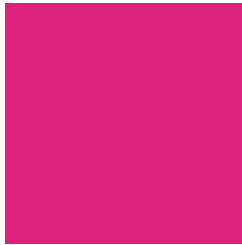
AD0054



2E0016

Previews

White Background



This preview shows how the Hex color DA227B looks on a white background.

Color Contrast Check

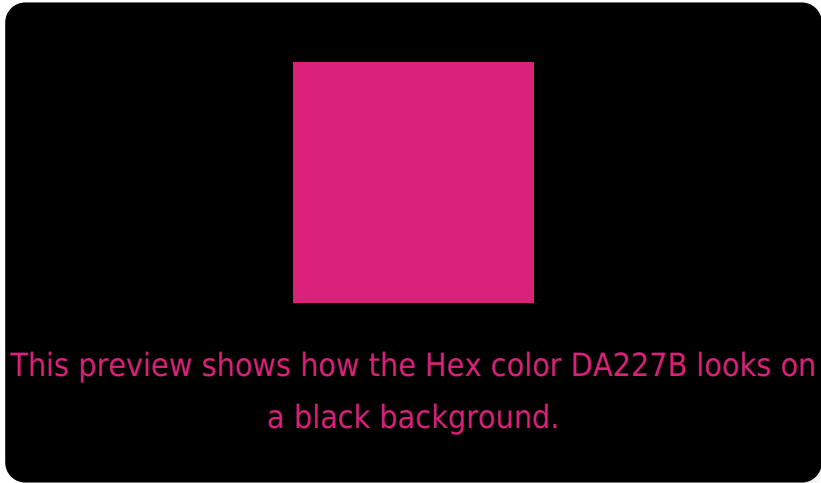
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 DA227B Background



This preview shows how black text looks on a background with the Hex color DA227B.

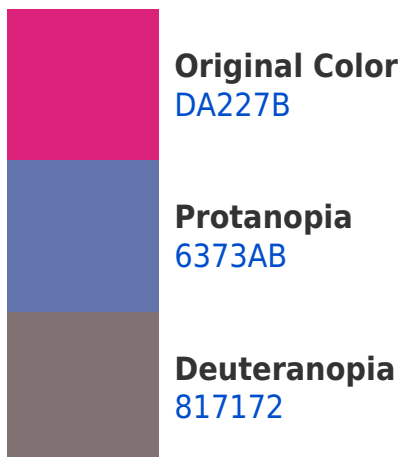


This preview shows how white text looks on a background with the Hex color DA227B.

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
D6383B

Trichromacy



Original Color
DA227B



Protanomaly
8E569A



Deuteranomaly
A15475

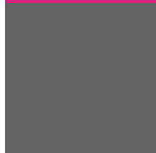


Tritanomaly
D73052

Monochromacy



Original Color
DA227B



Achromatopsia
636363



Achromatomaly
8E4B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex DA227B 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 #DA227B looks like.

```
.text, #text, p{  
    color:#DA227B  
}
```

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 #DA227B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA227B
}
```

Border

The CSS property to change the border of an element to Hex DA227B 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
#DA227B }
```

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

```
.border{ border-color:#DA227B }
```

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

Here you see how a box with a 4 pixel #DA227B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA227B; -webkit-box-shadow:4px 4px  
4px 4px #DA227B; box-shadow:4px 4px 4px  
4px #DA227B }
```

Background

The CSS property to change the background color of an element to Hex DA227B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA227B }
```

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

```
.background{ background-color:#DA227B }
```

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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