

Converting Colors

Hex(DA2C83)

Have a look what the booklet for
Hex(DA2C83) contains.

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Color

Hex(DA2C83)

Conversions

Conversions Part 1

Format	Color
Hex	DA2C83
RGB	218, 44, 131
RGB Percent	85%, 17%, 51%
CMY	0.1451, 0.8275, 0.4863
CMYK	0.00, 0.80, 0.40, 0.15
HSL	330°, 70%, 51%
HSV	330°, 80%, 85%
XYZ	33.9109, 18.3455, 23.2265
YIQ	105.9440, 75.7770, 63.9450

Conversions

Conversions Part 2

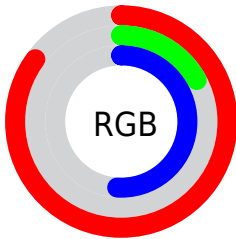
Format	Color
R_{YB}	218, 44, 131
Decimal	14298243
CIE _{Lab}	49.91, 70.52, -5.86
CIE _{LCh}	50, 70.763, 355.251
Yxy	18.3455, 0.4493, 0.2430
Android (android.graphics.Color)	4292488323 (0xFFDA2C83)
YUV	105.9440, 12.3526, 98.2731
Hunter-Lab	42.8316, 66.3675, -2.1693

Details

The Hex color **DA2C83** 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 **2CDA83**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6DB8**, and **9D0052** is the 20% darker color. If you saturate the color by 10%, you get **DA1678**, and if you desaturate by 10%, it is **DA428E**.

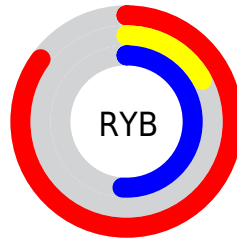
Distribution



Red (85%)

Green (17%)

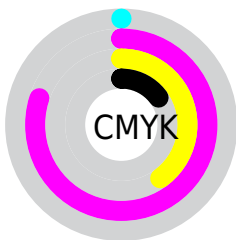
Blue (51%)



Red (85%)

Yellow (17%)

Blue (51%)

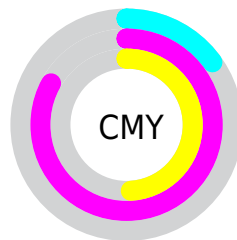


Cyan (0%)

Magenta (80%)

Yellow (40%)

Black (15%)



Cyan (15%)

Magenta (83%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA2C83 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 DA2C83 by changing the saturation by 10% instead.

 DA2C83

 DA2C83

FFFFFF

 BC006A

 FF6DB8

 9D0052

 FF8AD3

 80003B

 FFA7F0

 620025

 FFC5FF

 480010

 FFE2FF

 280001

 000000

 DA2C83

 DA2C83

 DA1678

 DA428E

 DA006D

 DA5899

 DA6DA4

 DA83AF

 DA99BA

 DAAFC4

 DAC5CF

 DADADA

 DAF0E5

Harmonies

Analogous

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



B44ABC



DA2C83



DC3648

Triad

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



DA2C83



5E8200



008DDA

Complementary

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



DA2C83



2CDA83

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.



0091A9



DA2C83



008C2B

Square

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



DA2C83



987100



00906B



0081F0

Rectangle

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



DA2C83



CE4B21



00906B



008FCC

Sweetspot

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



DA2C83



FFC2E0



832CDA



805B6D



000000



808080

Same Dimension

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



DA2C83



FF0A85



DA2C2C



6E6368



AD0057



2E0017

Inverse Universe

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



DA2C83



FF0A85



2CDADA



6E6368



AD0057



2E0017

Previews

White Background



This preview shows how the Hex color DA2C83 looks on a white background.

Color Contrast Check

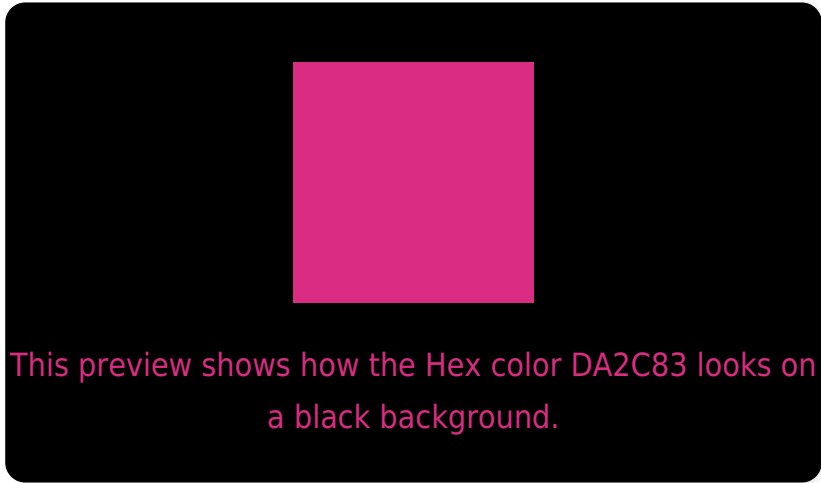
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA2C83 Background



This preview shows how black text looks on a background with the Hex color DA2C83.




This preview shows how white text looks on a background with the Hex color DA2C83.

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](#).

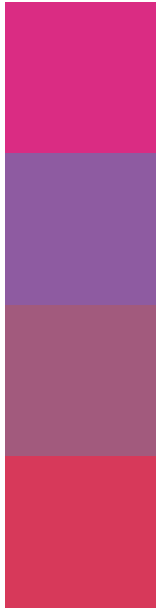
Dichromacy





Tritanopia
D64043

Trichromacy



Original Color
DA2C83

Protanomaly
8E5BA1

Deuteranomaly
A25A7D

Tritanomaly
D7395A

Monochromacy



Original Color
DA2C83

Achromatopsia
6A6A6A

Achromatomaly
935373

CSS Examples

Text

The CSS property to change the color of the text to Hex DA2C83 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 #DA2C83 looks like.

```
.text, #text, p{  
    color:#DA2C83  
}
```

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 #DA2C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA2C83
}
```

Border

The CSS property to change the border of an element to Hex DA2C83 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
#DA2C83 }
```

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

```
.border{ border-color:#DA2C83 }
```

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

Here you see how a box with a 4 pixel #DA2C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA2C83; -webkit-box-shadow:4px 4px  
4px 4px #DA2C83; box-shadow:4px 4px 4px  
4px #DA2C83 }
```

Background

The CSS property to change the background color of an element to Hex DA2C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA2C83 }
```

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

```
.background{ background-color:#DA2C83 }
```

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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