

Converting Colors

Hex(DC6AA3)

Have a look what the booklet for
Hex(DC6AA3) contains.

Hex(DC6AA3)	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(DC6AA3)

Conversions

Conversions Part 1

Format	Color
Hex	DC6AA3
RGB	220, 106, 163
RGB Percent	86%, 42%, 64%
CMY	0.1373, 0.5843, 0.3608
CMYK	0.00, 0.52, 0.26, 0.14
HSL	330°, 62%, 64%
HSV	330°, 52%, 86%
XYZ	41.2801, 28.1681, 37.9116
YIQ	146.5840, 49.6470, 41.8950

Conversions

Conversions Part 2

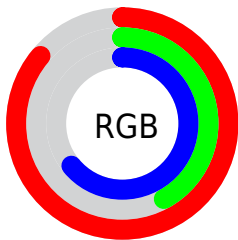
Format	Color
R _Y B	220, 106, 163
Decimal	14445219
CIE Lab	60.04, 50.89, -9.60
CIE LCh	60, 51.787, 349.319
Yxy	28.1681, 0.3845, 0.2624
Android (android.graphics.Color)	4292635299 (0xFFDC6AA3)
YUV	146.5840, 8.0931, 64.3858
Hunter-Lab	53.0736, 45.9567, -5.2006

Details

The Hex color **DC6AA3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6ADCA3**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA1DA**, and **A2346F** is the 20% darker color. If you saturate the color by 10%, you get **DC5498**, and if you desaturate by 10%, it is **DC80AE**.

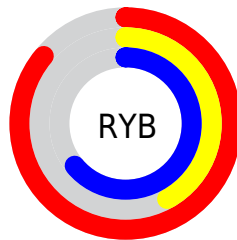
Distribution



Red (86%)

Green (42%)

Blue (64%)



Red (86%)

Yellow (42%)

Blue (64%)

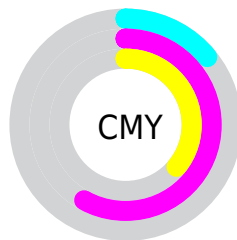


Cyan (0%)

Magenta (52%)

Yellow (26%)

Black (14%)



Cyan (14%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC6AA3 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 DC6AA3 by changing the saturation by 10% instead.

 DC6AA3

 DC6AA3

FFFFFF

 BF4F89

 FFA1DA

 A2346F

 FFBDF6

 861457

 FFD9FF

 6A0040

 FFF7FF

 4F002A

 380016

 130000

 000000

 DC6AA3

 DC6AA3

 DC5498

 DC80AE

 DC3E8D

 DC96B9

 DC2882

 DCACCC4

 DC1277

 DCC2CF

 DC006E

 DCD8DA

 DCEEE5

 DCFFF0

 DCFFFB

 DCFFFF

Harmonies

Analogous

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



B878CD



DC6AA3



E56A75

Triad

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



DC6AA3



8D9735



00A4D5

Complementary

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



DC6AA3



6ADCA3

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.



00A7AD



DC6AA3



57A152

Square

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



DC6AA3



B88933



00A67E



009AEA

Rectangle

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



DC6AA3



DE7259



00A67E



00A5C9

Sweetspot

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



DC6AA3



FFD6EB



A36ADC



806773



000000



808080

Same Dimension

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



DC6AA3



FF61B0



DC6A6A



6E6368



AD0057



2E0017

Inverse Universe

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



DC6AA3



FF61B0



6ADCDC



6E6368



AD0057



2E0017

Previews

White Background



This preview shows how the Hex color DC6AA3 looks on a white background.

Color Contrast Check

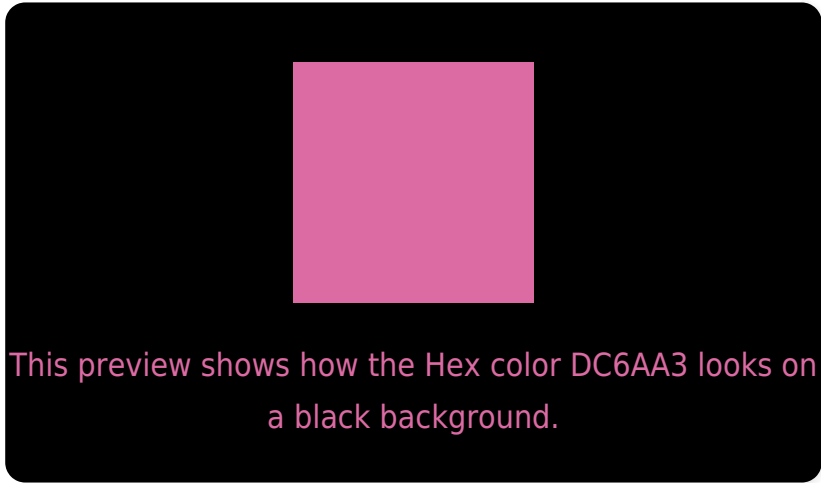
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC6AA3 Background



This preview shows how black text looks on a background with the Hex color DC6AA3.



This preview shows how white text looks on a background with the Hex color DC6AA3.

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
D8727A

Trichromacy



Original Color
DC6AA3



Protanomaly
A582B3



Deuteranomaly
B2809F

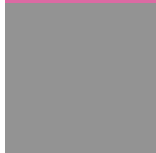


Tritanomaly
D96F89

Monochromacy



Original Color
DC6AA3



Achromatopsia
939393



Achromatomaly
AE8499

CSS Examples

Text

The CSS property to change the color of the text to Hex DC6AA3 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 #DC6AA3 looks like.

```
.text, #text, p{  
    color:#DC6AA3  
}
```

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 #DC6AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6AA3
}
```

Border

The CSS property to change the border of an element to Hex DC6AA3 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
#DC6AA3 }
```

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

```
.border{ border-color:#DC6AA3 }
```

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

Here you see how a box with a 4 pixel #DC6AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6AA3; -webkit-box-shadow:4px 4px  
4px 4px #DC6AA3; box-shadow:4px 4px 4px  
4px #DC6AA3 }
```

Background

The CSS property to change the background color of an element to Hex DC6AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6AA3 }
```

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

```
.background{ background-color:#DC6AA3 }
```

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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