

Converting Colors

Hex(DB6CA2)

Have a look what the booklet for
Hex(DB6CA2) contains.

Hex(DB6CA2)	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(DB6CA2)

Conversions

Conversions Part 1

Format	Color
Hex	DB6CA2
RGB	219, 108, 162
RGB Percent	86%, 42%, 64%
CMY	0.1412, 0.5765, 0.3647
CMYK	0.00, 0.51, 0.26, 0.14
HSL	331°, 61%, 64%
HSV	331°, 51%, 86%
XYZ	41.0976, 28.3938, 37.4969
YIQ	147.3450, 48.8220, 40.3260

Conversions

Conversions Part 2

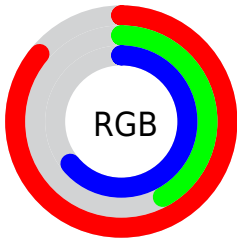
Format	Color
R _Y B	219, 108, 162
Decimal	14380194
CIE Lab	60.24, 49.46, -8.73
CIE LCh	60, 50.223, 349.985
Yxy	28.3938, 0.3841, 0.2654
Android (android.graphics.Color)	4292570274 (0xFFDB6CA2)
YUV	147.3450, 7.2249, 62.8414
Hunter-Lab	53.2859, 44.4207, -4.4219

Details

The Hex color **DB6CA2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6CDBA5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA3D9**, and **A1366E** is the 20% darker color. If you saturate the color by 10%, you get **DB5697**, and if you desaturate by 10%, it is **DB82AD**.

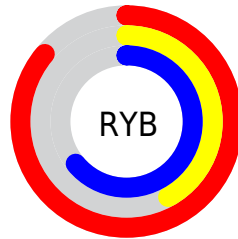
Distribution



Red (86%)

Green (42%)

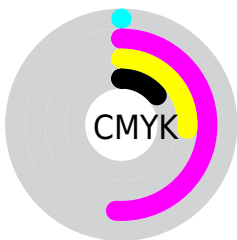
Blue (64%)



Red (86%)

Yellow (42%)

Blue (64%)

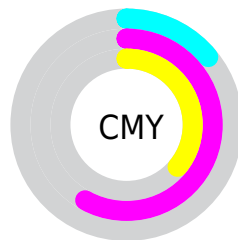


Cyan (0%)

Magenta (51%)

Yellow (26%)

Black (14%)



Cyan (14%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6CA2 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 DB6CA2 by changing the saturation by 10% instead.

 DB6CA2

 DB6CA2

FFFFFF

 BE5188

 FFA3D9

 A1366E

 FFBFF5

 851856

 FFDDBF

 6A003F

 FFF8FF

 4F0029

 370015

 120000

 000000

 DB6CA2

 DB6CA2

 DB5697

 DB82AD

 DB408C

 DB98B8

 DB2A80

 DBAEC4

 DB1475

 DBC4CF

 DB006B

 DBDADA

 DBEFE5

 DBFFF1

 DBFFFC

 DBFFFF

Harmonies

Analogous

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



B97ACB



DB6CA2



E36C75

Triad

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



DB6CA2



8D9839



00A3D4

Complementary

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



DB6CA2



6CDBA5

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.



00A7AE



DB6CA2



59A156

Square

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



DB6CA2



B78A37



00A680



009AE8

Rectangle

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



DB6CA2



DC745A



00A680



00A5C9

Sweetspot

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



DB6CA2



FFD9EB



A36CDB



806974



000000



808080

Same Dimension

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



DB6CA2



FF63AF



DB6C6C



6E6368



AD0054



2E0016

Inverse Universe

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



DB6CA2



FF63AF



6CDBDB



6E6368



AD0054



2E0016

Previews

White Background



This preview shows how the Hex color DB6CA2 looks on a white background.

Color Contrast Check

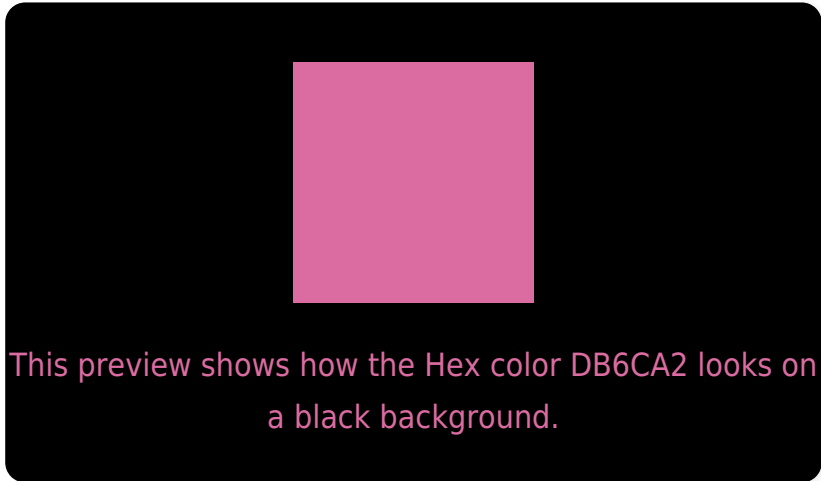
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6CA2 Background



This preview shows how black text looks on a background with the Hex color DB6CA2.

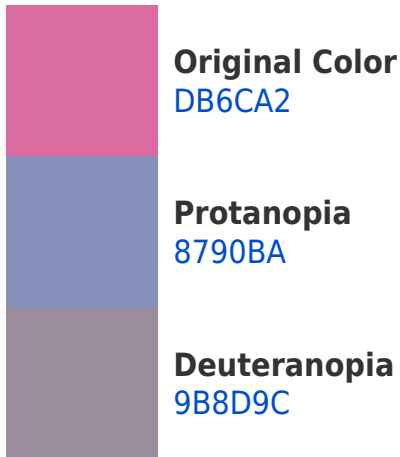



This preview shows how white text looks on a background with the Hex color DB6CA2.

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
D7747C

Trichromacy



Original Color
DB6CA2



Protanomaly
A683B1



Deuteranomaly
B2819E

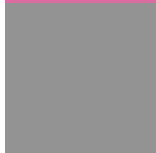


Tritanomaly
D8718A

Monochromacy



Original Color
DB6CA2



Achromatopsia
939393



Achromatomaly
AD8598

CSS Examples

Text

The CSS property to change the color of the text to Hex DB6CA2 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 #DB6CA2 looks like.

```
.text, #text, p{  
    color:#DB6CA2  
}
```

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 #DB6CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6CA2
}
```

Border

The CSS property to change the border of an element to Hex DB6CA2 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
#DB6CA2 }
```

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

```
.border{ border-color:#DB6CA2 }
```

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

Here you see how a box with a 4 pixel #DB6CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6CA2; -webkit-box-shadow:4px 4px  
4px 4px #DB6CA2; box-shadow:4px 4px 4px  
4px #DB6CA2 }
```

Background

The CSS property to change the background color of an element to Hex DB6CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6CA2 }
```

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

```
.background{ background-color:#DB6CA2 }
```

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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