

Converting Colors

Hex(DB56B2)

Have a look what the booklet for
Hex(DB56B2) contains.

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Color

Hex(DB56B2)

Conversions

Conversions Part 1

Format	Color
Hex	DB56B2
RGB	219, 86, 178
RGB Percent	86%, 34%, 70%
CMY	0.1412, 0.6627, 0.3020
CMYK	0.00, 0.61, 0.19, 0.14
HSL	318°, 65%, 60%
HSV	318°, 61%, 86%
XYZ	40.5771, 24.9300, 44.7928
YIQ	136.2550, 49.7360, 56.8080

Conversions

Conversions Part 2

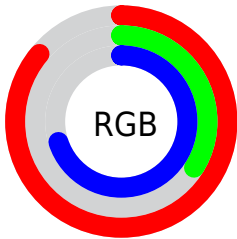
Format	Color
R _Y B	219, 86, 178
Decimal	14374578
CIE Lab	57.01, 61.80, -22.87
CIE LCh	57, 65.898, 339.691
Yxy	24.9300, 0.3679, 0.2260
Android (android.graphics.Color)	4292564658 (0xFFDB56B2)
YUV	136.2550, 20.5803, 72.5674
Hunter-Lab	49.9299, 57.6860, -18.2389

Details

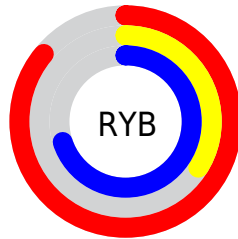
The Hex color **DB56B2** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **56DB7F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8EEA**, and **A1147D** is the 20% darker color. If you saturate the color by 10%, you get **DB40AB**, and if you desaturate by 10%, it is **DB6CB9**.

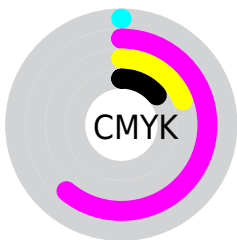
Distribution



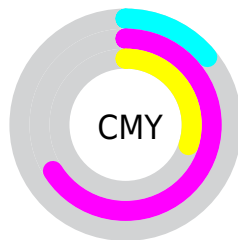
- Red (86%)
- Green (34%)
- Blue (70%)



- Red (86%)
- Yellow (34%)
- Blue (70%)



- Cyan (0%)
- Magenta (61%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (66%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB56B2 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 DB56B2 by changing the saturation by 10% instead.

 DB56B2

 DB56B2

FFFFFF

 BE3997

 FF8EEA

 A1147D

 FFABFF

 840064

 FFC7FF

 68004C

 FFE5FF

 4D0035

 34001F

 0E0001

 000000

 DB56B2

 DB56B2

 DB40AB

 DB6CB9

 DB2AA4

 DB82C0

 DB149E

 DB98C6

 DB0097

 DBAECD

 DBC4D4

 DBD9DB

 DBEFE1

 DBFFE8

 DBFFEF

Harmonies

Analogous

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



A271E2



DB56B2



EF4C79

Triad

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



DB56B2



938C00



00A2D1

Complementary

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



DB56B2



56DB7F

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.



00A39A



DB56B2



539925

Square

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



DB56B2



C3770B



00A15F



009AF5

Rectangle

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



DB56B2



EB5653



00A15F



00A3C0

Sweetspot

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



DB56B2



FFD1F1



7E56DB



806377



000000



808080

Same Dimension

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



DB56B2



FF45C6



DB5671



6E636A



AD0078



2E0020

Inverse Universe

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



DB56B2



FF45C6



56DBC0



6E636A



AD0078



2E0020

Previews

White Background



This preview shows how the Hex color DB56B2 looks on a white background.

Color Contrast Check

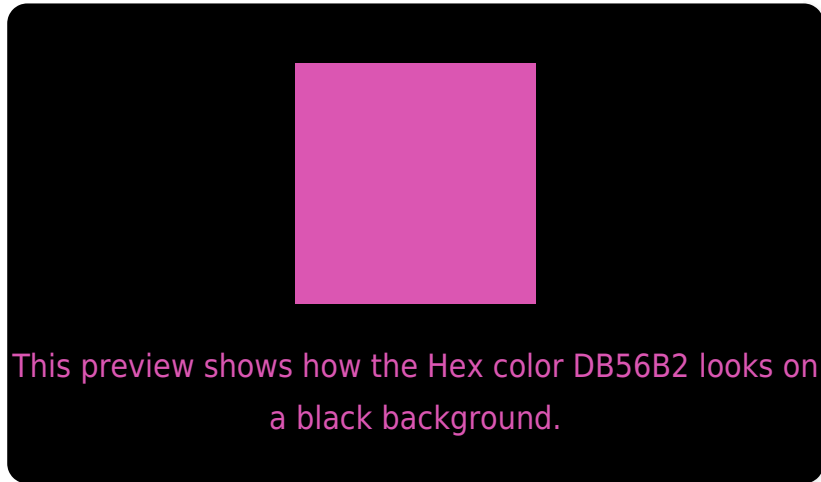
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB56B2 Background



This preview shows how black text looks on a background with the Hex color DB56B2.

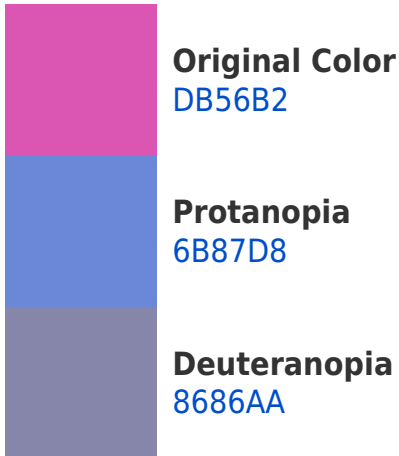


This preview shows how white text looks on a background with the Hex color DB56B2.

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](#).

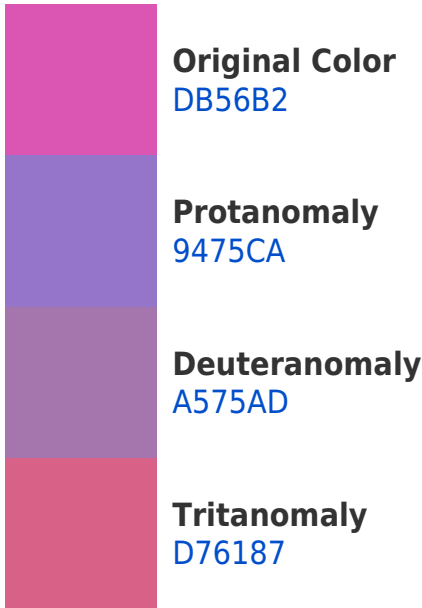
Dichromacy





Tritanopia
D5676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB56B2 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 #DB56B2 looks like.

```
.text, #text, p{  
    color:#DB56B2  
}
```

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 #DB56B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB56B2
}
```

Border

The CSS property to change the border of an element to Hex DB56B2 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
#DB56B2 }
```

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

```
.border{ border-color:#DB56B2 }
```

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

Here you see how a box with a 4 pixel #DB56B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB56B2; -webkit-box-shadow:4px 4px  
4px 4px #DB56B2; box-shadow:4px 4px 4px  
4px #DB56B2 }
```

Background

The CSS property to change the background color of an element to Hex DB56B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB56B2 }
```

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

```
.background{ background-color:#DB56B2 }
```

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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