

Converting Colors

Hex(DB62B5)

Have a look what the booklet for
Hex(DB62B5) contains.

Hex(DB62B5)	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(DB62B5)

Conversions

Conversions Part 1

Format	Color
Hex	DB62B5
RGB	219, 98, 181
RGB Percent	86%, 38%, 71%
CMY	0.1412, 0.6157, 0.2902
CMYK	0.00, 0.55, 0.17, 0.14
HSL	319°, 63%, 62%
HSV	319°, 55%, 86%
XYZ	41.9216, 27.1316, 46.7435
YIQ	143.6410, 45.4730, 51.4650

Conversions

Conversions Part 2

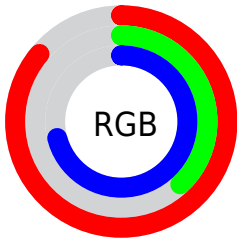
Format	Color
R _Y B	219, 98, 181
Decimal	14377653
CIE Lab	59.10, 56.91, -21.40
CIE LCh	59, 60.802, 339.393
Yxy	27.1316, 0.3620, 0.2343
Android (android.graphics.Color)	4292567733 (0xFFDB62B5)
YUV	143.6410, 18.4180, 66.0898
Hunter-Lab	52.0880, 52.5067, -16.7449

Details

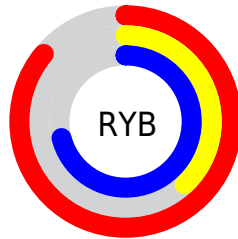
The Hex color **DB62B5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **62DB88**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF99ED**, and **A12980** is the 20% darker color. If you saturate the color by 10%, you get **DB4CAE**, and if you desaturate by 10%, it is **DB78BC**.

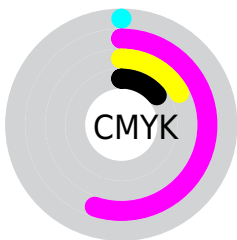
Distribution



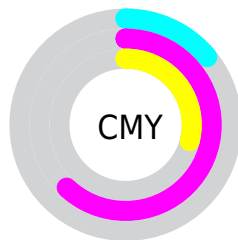
- Red (86%)
- Green (38%)
- Blue (71%)



- Red (86%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (55%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (62%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB62B5 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 DB62B5 by changing the saturation by 10% instead.

 DB62B5

 DB62B5

FFFFFF

 BE469A

 FF99ED

 A12980

 FFB6FF

 850067

 FFD2FF

 69004F

 FFEFFF

 4E0037

 360022

 140007

 000000

 DB62B5

 DB62B5

 DB4CAE

 DB78BC

 DB36A7

 DB8EC3

 DB20A0

 DBA4CA

 DB0A99

 DBBAD1

 DB0096

 DBD0D7

 DBE5DE

 DBFBE5

 DBFFEC

 DBFFF3

Harmonies

Analogous

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



A679E1



DB62B5



EE5A80

Triad

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



DB62B5



9A9112



00A6D1

Complementary

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



DB62B5



62DB88

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.



00A89E



DB62B5



609E35

Square

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



DB62B5



C77E23



00A567



009EF2

Rectangle

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



DB62B5



EB615D



00A567



00A7C1

Sweetspot

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



DB62B5



FFD4F1



8662DB



806677



000000



808080

Same Dimension

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



DB62B5



FF57CA



DB627A



6E636A



AD0077



2E001F

Inverse Universe

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



DB62B5



FF57CA



62DBC3



6E636A



AD0077



2E001F

Previews

White Background



This preview shows how the Hex color DB62B5 looks on a white background.

Color Contrast Check

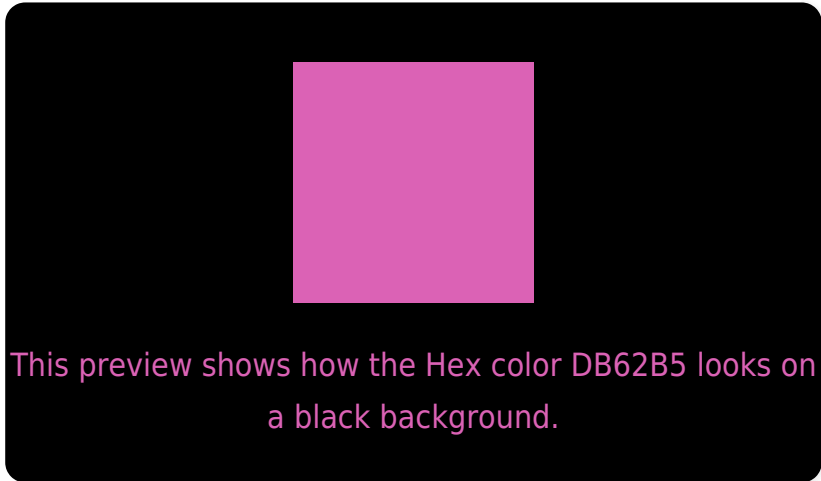
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB62B5 Background



This preview shows how black text looks on a background with the Hex color DB62B5.

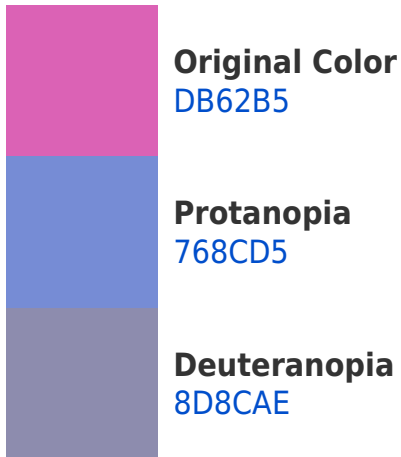


This preview shows how white text looks on a background with the Hex color DB62B5.

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
D57078

Trichromacy



Original Color
DB62B5



Protanomaly
9B7DC9



Deuteranomaly
A97DB1

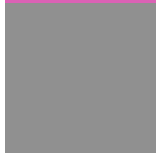


Tritanomaly
D76B8E

Monochromacy



Original Color
DB62B5



Achromatopsia
909090



Achromatomaly
AB7F9D

CSS Examples

Text

The CSS property to change the color of the text to Hex DB62B5 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 #DB62B5 looks like.

```
.text, #text, p{  
    color:#DB62B5  
}
```

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 #DB62B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB62B5
}
```

Border

The CSS property to change the border of an element to Hex DB62B5 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
#DB62B5 }
```

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

```
.border{ border-color:#DB62B5 }
```

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

Here you see how a box with a 4 pixel #DB62B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB62B5; -webkit-box-shadow:4px 4px  
4px 4px #DB62B5; box-shadow:4px 4px 4px  
4px #DB62B5 }
```

Background

The CSS property to change the background color of an element to Hex DB62B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB62B5 }
```

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

```
.background{ background-color:#DB62B5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor