

# Converting Colors

Hex(DB4667)

Have a look what the booklet for  
Hex(DB4667) contains.

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# Color

**Hex(DB4667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB4667
RGB	219, 70, 103
RGB Percent	86%, 27%, 40%
CMY	0.1412, 0.7255, 0.5961
CMYK	0.00, 0.68, 0.53, 0.14
HSL	347°, 67%, 57%
HSV	347°, 68%, 86%
XYZ	33.8518, 20.4197, 14.9892
YIQ	118.3130, 78.2110, 41.8510

# Conversions

## Conversions Part 2

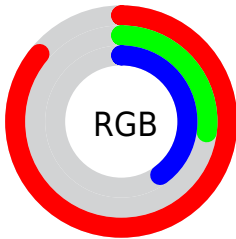
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 70, 103
Decimal	14370407
CIE <sub>Lab</sub>	52.31, 59.99, 14.50
CIE <sub>LCh</sub>	52, 61.715, 13.593
Yxy	20.4197, 0.4888, 0.2948
Android (android.graphics.Color)	4292560487 (0xFFDB4667)
YUV	118.3130, -7.5493, 88.3025
Hunter-Lab	45.1881, 54.6404, 11.9648

# Details

The Hex color **DB4667** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **46DBBA**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7F9A**, and **9E0039** is the 20% darker color. If you saturate the color by 10%, you get **DB3056**, and if you desaturate by 10%, it is **DB5C78**.

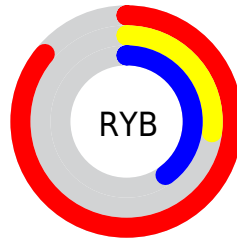
# Distribution



Red (86%)

Green (27%)

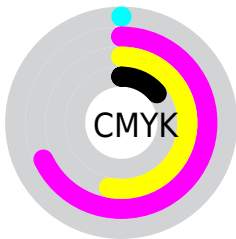
Blue (40%)



Red (86%)

Yellow (27%)

Blue (40%)

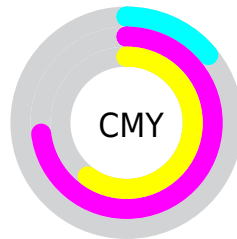


Cyan (0%)

Magenta (68%)

Yellow (53%)

Black (14%)



Cyan (14%)

Magenta (73%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB4667 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 DB4667 by changing the saturation by 10% instead.



 DB4667

 DB4667

FFFFFF

 BC264F

 FF7F9A

 9E0039

 FF9BB5

 800023

 FFB8D0

 63000E

 FFD5EC

 460002

 FFF2FF

 280001

 000000

 DB4667

 DB4667

 DB3056

 DB5C78

 DB1A45

 DB7289

 DB0434

 DB889A

 DB0031

 DB9EAB

 DBB4BC

 DBC9CD

 DBDFDE

 DBF5EF

 DBFFFF

# Harmonies

## Analogous

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



CD4B9C



DB4667



CE5835

# Triad

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



DB4667



418D28



008BE3

# Complementary

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



DB4667



46DBBA

# 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.



0093C5



DB4667



00935D

# Square

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



DB4667



7F8200



009594



327BE4

# Rectangle

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



DB4667



BA6815



009594



008EDB



# Sweetspot

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



DB4667



FFCCD7



B846DB



806168



000000



808080



# Same Dimension

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



DB4667



FF2E5C



DB6E46



6E6365



AD0026



2E000A



# Inverse Universe

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



DB4667



FF2E5C



46B3DB



6E6365



AD0026

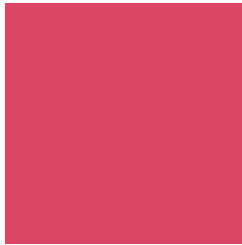


2E000A



# Previews

## White Background



This preview shows how the Hex color DB4667 looks on a white background.

## Color Contrast Check

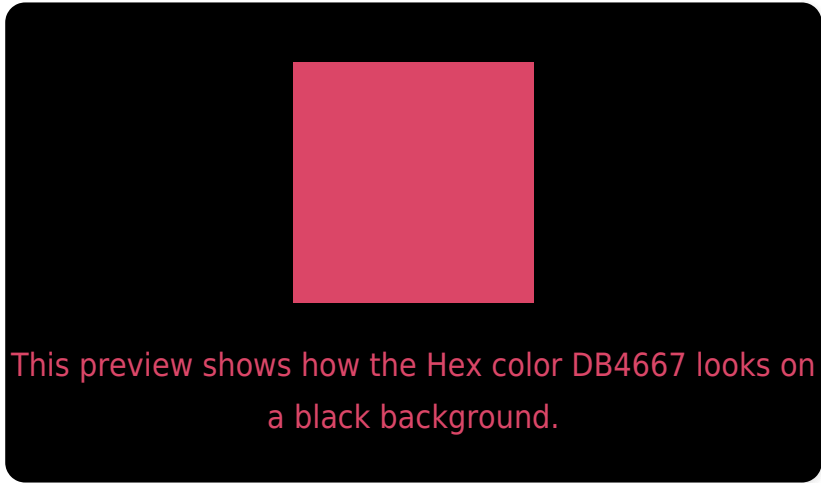
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4667 Background



This preview shows how black text looks on a background with the Hex color DB4667.

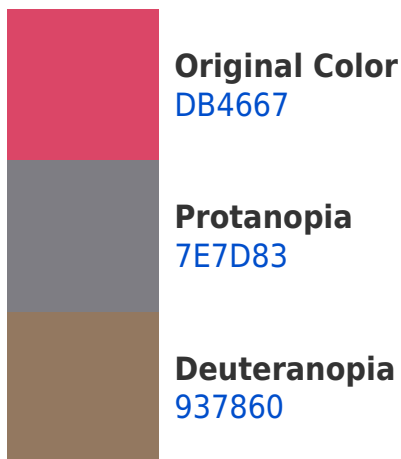


This preview shows how white text looks on a background with the Hex color DB4667.

# 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](#).

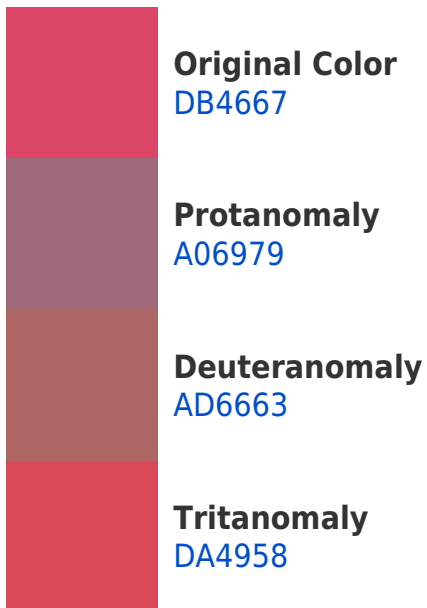
## Dichromacy



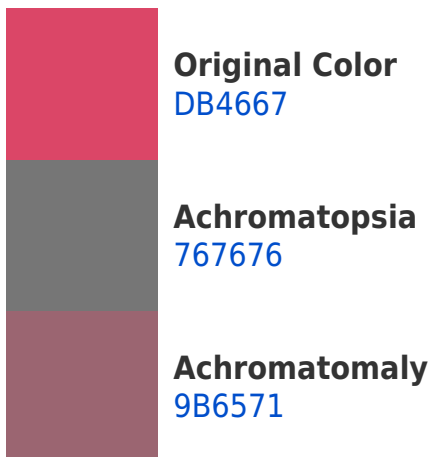


**Tritanopia**  
DA4B4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB4667 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 #DB4667 looks like.

```
.text, #text, p{  
    color:#DB4667  
}
```

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 #DB4667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4667  
}
```

## Border

The CSS property to change the border of an element to Hex DB4667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

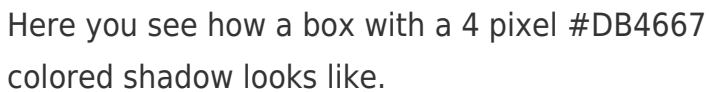
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#DB4667 }
```

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

```
.border{ border-color:#DB4667 }
```

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



Here you see how a box with a 4 pixel #DB4667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4667; -webkit-box-shadow:4px 4px  
4px 4px #DB4667; box-shadow:4px 4px 4px  
4px #DB4667 }
```

# Background

The CSS property to change the background color of an element to Hex DB4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4667 }
```

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

```
.background{ background-color:#DB4667 }
```

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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