

# Converting Colors

Hex(DB5463)

Have a look what the booklet for  
Hex(DB5463) contains.

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# Color

**Hex(DB5463)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5463
RGB	219, 84, 99
RGB Percent	86%, 33%, 39%
CMY	0.1412, 0.6706, 0.6118
CMYK	0.00, 0.62, 0.55, 0.14
HSL	353°, 65%, 59%
HSV	353°, 62%, 86%
XYZ	34.6359, 22.3016, 14.2835
YIQ	126.0750, 75.6450, 33.2850

# Conversions

## Conversions Part 2

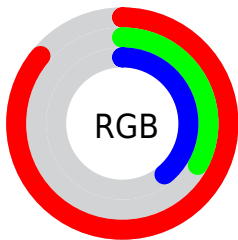
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 84, 99
Decimal	14373987
CIE <sub>Lab</sub>	54.35, 53.92, 19.66
CIE <sub>LCh</sub>	54, 57.395, 20.035
Yxy	22.3016, 0.4863, 0.3131
Android (android.graphics.Color)	4292564067 (0xFFDB5463)
YUV	126.0750, -13.3480, 81.4952
Hunter-Lab	47.2245, 48.2742, 15.1244

# Details

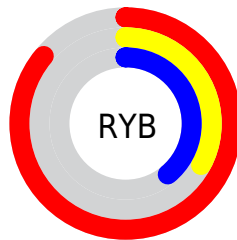
The Hex color **DB5463** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **54DBCC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8B96**, and **9E1735** is the 20% darker color. If you saturate the color by 10%, you get **DB3E50**, and if you desaturate by 10%, it is **DB6A76**.

# Distribution



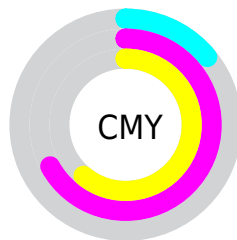
- Red (86%)
- Green (33%)
- Blue (39%)



- Red (86%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5463 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 DB5463 by changing the saturation by 10% instead.



 DB5463

 DB5463

FFFFFF

 BD384B

 FF8B96

 9E1735

 FFA7B0

 810020

 FFC3CC

 630009

 FFE0E8

 470001

FFFEFF

 2A0001

 000000

 DB5463

 DB5463

 DB3E50

 DB6A76

 DB283C

 DB808A

 DB1229

 DB969D

 DB0018

 DBACB1

 DBC2C4

 DBD7D8

 DBEDEB

 DBFFFF

# Harmonies

## Analogous

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



D35495



DB5463



CB6537

# Triad

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



DB5463



3C933E



008CE4

# Complementary

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



DB5463



54DBCC

# 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.



0096CD



DB5463



00986F

# Square

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



DB5463



7B8916



0099A3



627CE0

# Rectangle

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



DB5463



B6731E



0099A3



0090DF



# Sweetspot

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



DB5463



FFD1D6



CB54DB



806367



000000



808080



# Same Dimension

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



DB5463



FF4257



DB8854



6E6364



AD0013



2E0005



# Inverse Universe

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



DB5463



FF4257



54A7DB



6E6364



AD0013



2E0005



# Previews

## White Background



This preview shows how the Hex color DB5463 looks on a white background.

## Color Contrast Check

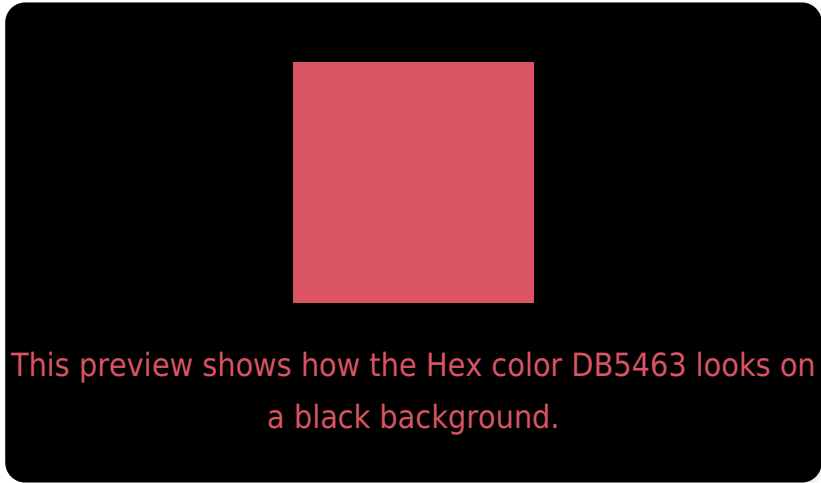
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5463 Background



This preview shows how black text looks on a background with the Hex color DB5463.



This preview shows how white text looks on a background with the Hex color DB5463.

# 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



**Original Color**  
DB5463

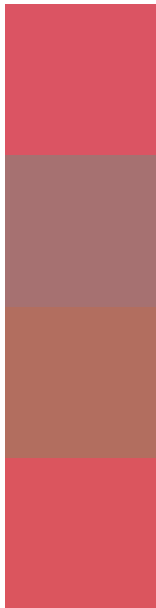
**Protanopia**  
878279

**Deuteranopia**  
9B7D5D



**Tritanopia**  
DB555B

# Trichromacy



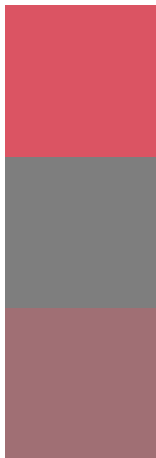
**Original Color**  
DB5463

**Protanomaly**  
A67171

**Deuteranomaly**  
B26E5F

**Tritanomaly**  
DB555E

# Monochromacy



**Original Color**  
DB5463

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
A06F74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5463 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 #DB5463 looks like.

```
.text, #text, p{  
    color:#DB5463  
}
```

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 #DB5463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5463
}
```

## Border

The CSS property to change the border of an element to Hex DB5463 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
#DB5463 }
```

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

```
.border{ border-color:#DB5463 }
```

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

Here you see how a box with a 4 pixel #DB5463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5463; -webkit-box-shadow:4px 4px  
4px 4px #DB5463; box-shadow:4px 4px 4px  
4px #DB5463 }
```

# Background

The CSS property to change the background color of an element to Hex DB5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5463 }
```

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

```
.background{ background-color:#DB5463 }
```

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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