

# Converting Colors

Hex(DD4A68)

Have a look what the booklet for  
Hex(DD4A68) contains.

<b>Hex(DD4A68)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(DD4A68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD4A68
RGB	221, 74, 104
RGB Percent	87%, 29%, 41%
CMY	0.1333, 0.7098, 0.5922
CMYK	0.00, 0.67, 0.53, 0.13
HSL	348°, 68%, 58%
HSV	348°, 67%, 87%
XYZ	34.7663, 21.2692, 15.3697
YIQ	121.3730, 77.9820, 40.4940

# Conversions

## Conversions Part 2

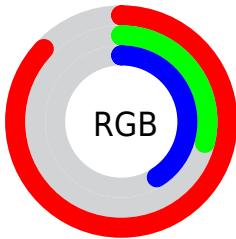
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 74, 104
Decimal	14502504
CIE Lab	53.24, 59.12, 15.25
CIE LCh	53, 61.057, 14.463
Yxy	21.2692, 0.4869, 0.2979
Android (android.graphics.Color)	4292692584 (0xFFDD4A68)
YUV	121.3730, -8.5649, 87.3729
Hunter-Lab	46.1185, 53.8541, 12.5237

# Details

The Hex color **DD4A68** 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 **4ADDBF**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF839B**, and **A00039** is the 20% darker color. If you saturate the color by 10%, you get **DD3456**, and if you desaturate by 10%, it is **DD607A**.

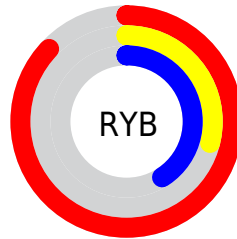
# Distribution



Red (87%)

Green (29%)

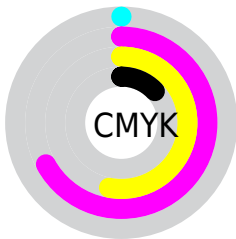
Blue (41%)



Red (87%)

Yellow (29%)

Blue (41%)

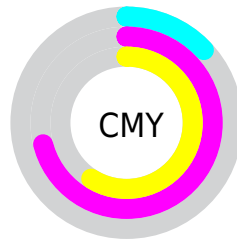


Cyan (0%)

Magenta (67%)

Yellow (53%)

Black (13%)



Cyan (13%)

Magenta (71%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD4A68 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 DD4A68 by changing the saturation by 10% instead.



 DD4A68

 DD4A68

FFFFFF

 BE2B50

 FF839B

 A00039

 FF9FB6

 820024

 FFBBD1

 650010

 FFD8ED

 480002

 FFF6FF

 2B0001

 000000

 DD4A68

 DD4A68

 DD3456

 DD607A

 DD1E45

 DD768B

 DD0833

 DD8C9D

 DD002D

 DDA2AE

 DDB9C0

 DDCFD2

 DDE5E3

 DDFBF5

 DDFFFF

# Harmonies

## Analogous

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



CF4E9D



DD4A68



D05C37

# Triad

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



DD4A68



43902D



008DE5

# Complementary

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



DD4A68



4ADDBF

# 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.



0095C8



DD4A68



009661

# Square

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



DD4A68



818500



009898



3E7DE6

# Rectangle

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



DD4A68



BB6B18



009898



0090DE



# Sweetspot

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



DD4A68



FFCCD6



BD4ADD



806167



000000



808080



# Same Dimension

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



DD4A68



FF335D



DD744A



6E6365



AD0023



2E0009



# Inverse Universe

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



DD4A68



FF335D



4AB3DD



6E6365



AD0023



2E0009



# Previews

## White Background



This preview shows how the Hex color DD4A68 looks on a white background.

## Color Contrast Check

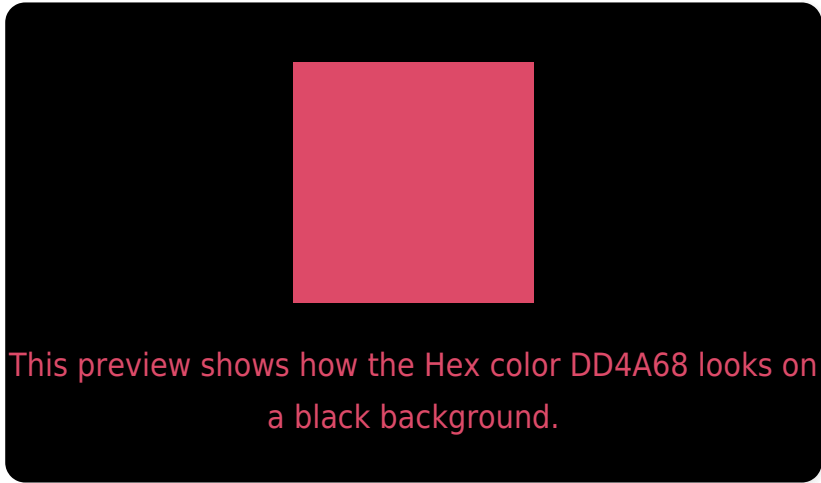
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD4A68 Background



This preview shows how black text looks on a background with the Hex color DD4A68.

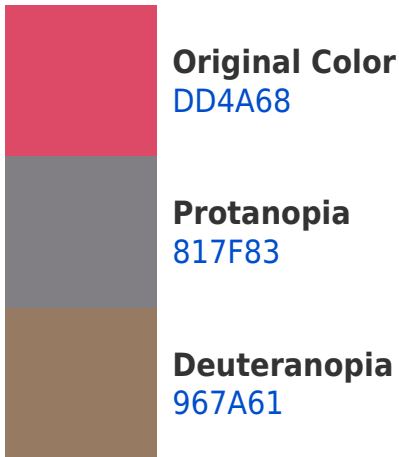


This preview shows how white text looks on a background with the Hex color DD4A68.

# 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](#).

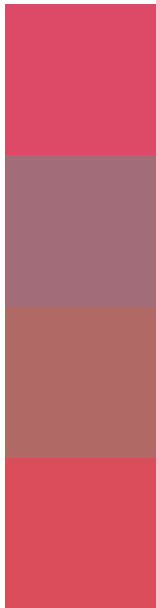
## Dichromacy





**Tritanopia**  
DC4E53

# Trichromacy



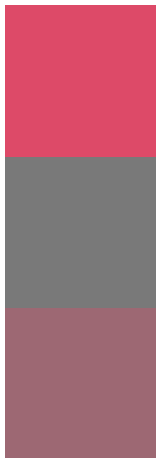
**Original Color**  
DD4A68

**Protanomaly**  
A26C79

**Deuteranomaly**  
B06964

**Tritanomaly**  
DC4D5B

# Monochromacy



**Original Color**  
DD4A68

**Achromatopsia**  
797979

**Achromatomaly**  
9D6873

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD4A68 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 #DD4A68 looks like.

```
.text, #text, p{  
    color:#DD4A68  
}
```

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 #DD4A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4A68
}
```

## Border

The CSS property to change the border of an element to Hex DD4A68 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
#DD4A68 }
```

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

```
.border{ border-color:#DD4A68 }
```

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

Here you see how a box with a 4 pixel #DD4A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4A68; -webkit-box-shadow:4px 4px  
4px 4px #DD4A68; box-shadow:4px 4px 4px  
4px #DD4A68 }
```

# Background

The CSS property to change the background color of an element to Hex DD4A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4A68 }
```

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

```
.background{ background-color:#DD4A68 }
```

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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