

# Converting Colors

Hex(D54B6A)

Have a look what the booklet for  
Hex(D54B6A) contains.

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# Color

**Hex(D54B6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D54B6A
RGB	213, 75, 106
RGB Percent	84%, 29%, 42%
CMY	0.1647, 0.7059, 0.5843
CMYK	0.00, 0.65, 0.50, 0.16
HSL	347°, 62%, 56%
HSV	347°, 65%, 84%
XYZ	32.5582, 20.2189, 15.8223
YIQ	119.7960, 72.2970, 38.8970

# Conversions

## Conversions Part 2

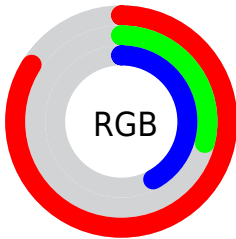
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 75, 106
Decimal	13978474
CIE <sub>Lab</sub>	52.08, 56.38, 12.24
CIE <sub>LCh</sub>	52, 57.694, 12.247
Yxy	20.2189, 0.4746, 0.2947
Android (android.graphics.Color)	4292168554 (0xFFD54B6A)
YUV	119.7960, -6.8014, 81.7399
Hunter-Lab	44.9654, 50.5572, 10.6130

# Details

The Hex color **D54B6A** 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 **4BD5B6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF839D**, and **99023B** is the 20% darker color. If you saturate the color by 10%, you get **D53659**, and if you desaturate by 10%, it is **D5607B**.

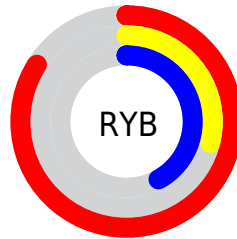
# Distribution



Red (84%)

Green (29%)

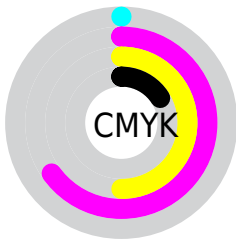
Blue (42%)



Red (84%)

Yellow (29%)

Blue (42%)

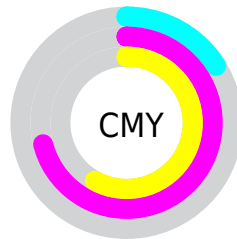


Cyan (0%)

Magenta (65%)

Yellow (50%)

Black (16%)



Cyan (16%)

Magenta (71%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D54B6A 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 D54B6A by changing the saturation by 10% instead.



 D54B6A

 D54B6A

FFFFFF

 B72D52

 FF839D

 99023B

 FF9FB8

 7B0026

 FFBBD3

 5E0011

 FFD8F0

 430002

 FFF5FF

 240001

 000000

 D54B6A

 D54B6A

 D53659

 D5607B

 D52049

 D5768B

 D50B38

 D58B9C

 D50030

 D5A0AC

 D5B5BD

 D5CBCD

 D5E0DE

 D5F5EE

 D5FFFF

# Harmonies

## Analogous

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



C6519C



D54B6A



CA5A3C

# Triad

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



D54B6A



4A8B2C



008ADA

# Complementary

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



D54B6A



4BD5B6

# 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.



0091BE



D54B6A



00915C

# Square

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



D54B6A



828003



009390



367BDD

# Rectangle

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



D54B6A



B86820



009390



008DD3



# Sweetspot

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



D54B6A



FFCFD9



B54BD5



806269



000000



808080



# Same Dimension

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



D54B6A



FF3865



D5704B



6B6063



AB0026



2B000A



# Inverse Universe

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



D54B6A



FF3865



4BB0D5



6B6063



AB0026

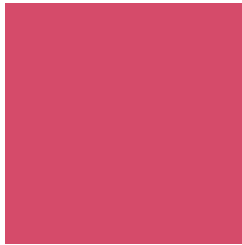


2B000A



# Previews

## White Background



This preview shows how the Hex color D54B6A looks on a white background.

## Color Contrast Check

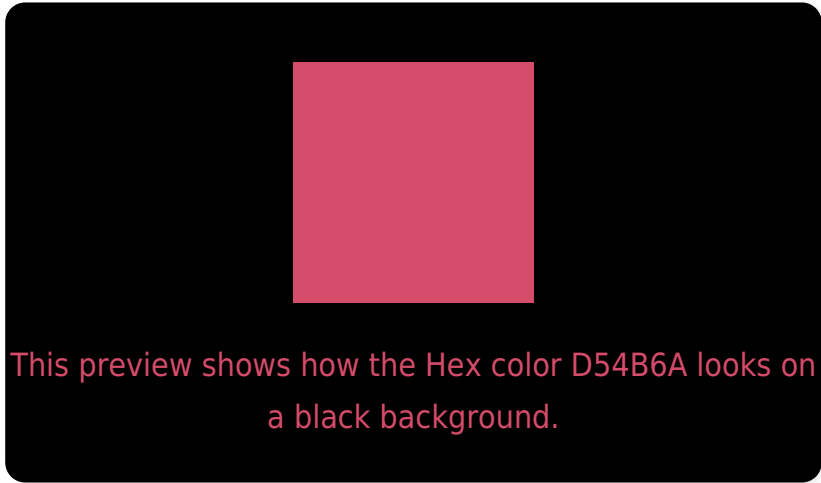
Large Text (above 18pt) WCAG AA ✓ Pass

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 D54B6A Background



This preview shows how black text looks on a background with the Hex color D54B6A.



This preview shows how white text looks on a background with the Hex color D54B6A.

# 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](#).

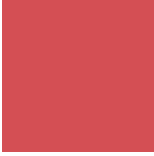
## Dichromacy



**Original Color**  
D54B6A

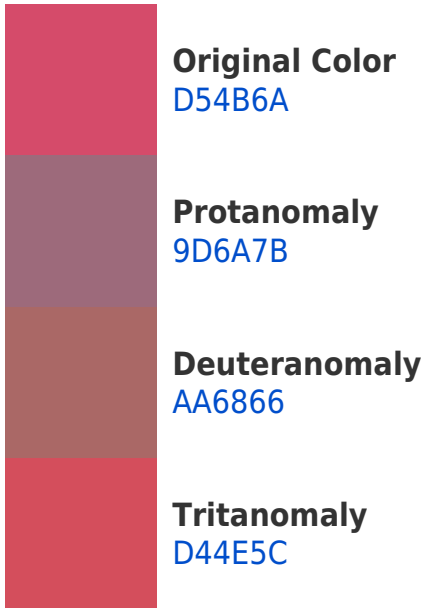
**Protanopia**  
7D7C84

**Deuteranopia**  
917863



**Tritanopia**  
D44F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D54B6A 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 #D54B6A looks like.

```
.text, #text, p{  
    color:#D54B6A  
}
```

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 #D54B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D54B6A
}
```

## Border

The CSS property to change the border of an element to Hex D54B6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

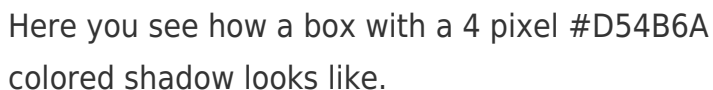
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D54B6A }
```

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

```
.border{ border-color:#D54B6A }
```

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



Here you see how a box with a 4 pixel #D54B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D54B6A; -webkit-box-shadow:4px 4px  
4px 4px #D54B6A; box-shadow:4px 4px 4px  
4px #D54B6A }
```

# Background

The CSS property to change the background color of an element to Hex D54B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D54B6A }
```

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

```
.background{ background-color:#D54B6A }
```

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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