

# Converting Colors

Hex(D55A75)

Have a look what the booklet for  
Hex(D55A75) contains.

<b>Hex(D55A75)</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(D55A75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D55A75
RGB	213, 90, 117
RGB Percent	84%, 35%, 46%
CMY	0.1647, 0.6471, 0.5412
CMYK	0.00, 0.58, 0.45, 0.16
HSL	347°, 59%, 59%
HSV	347°, 58%, 84%
XYZ	34.3076, 22.7428, 19.4112
YIQ	129.8550, 64.6410, 34.4730

# Conversions

## Conversions Part 2

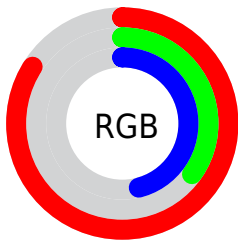
<b>Format</b>	<b>Color</b>
<b>RYB</b>	213, 90, 117
Decimal	13982325
CIELab	54.81, 50.80, 9.52
CIElCh	55, 51.687, 10.611
Yxy	22.7428, 0.4487, 0.2974
Android (android.graphics.Color)	4292172405 (0xFFD55A75)
YUV	129.8550, -6.3375, 72.9182
Hunter-Lab	47.6894, 44.9558, 9.2496

# Details

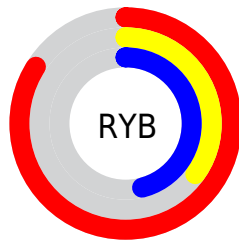
The Hex color **D55A75** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **5AD5BA**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF90A9**, and **9A2245** is the 20% darker color. If you saturate the color by 10%, you get **D54564**, and if you desaturate by 10%, it is **D56F86**.

# Distribution



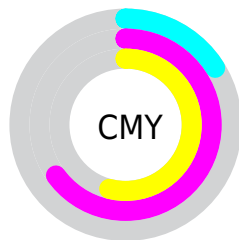
- Red (84%)
- Green (35%)
- Blue (46%)



- Red (84%)
- Yellow (35%)
- Blue (46%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (16%)



- Cyan (16%)
- Magenta (65%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D55A75 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 D55A75 by changing the saturation by 10% instead.



 D55A75

 D55A75

FFFFFF

 B73F5C

 FF90A9

 9A2245

 FFACC4

 7D002F

 FFC9E0

 60001B

 FFE6FD

 450000

 290001

 000000

 D55A75

 D55A75

 D54564

 D56F86

 D52F54

 D58596

 D51A43

 D59AA7

 D50533

 D5AFB7

 D5002F

 D5C5C8

 D5DAD9

 D5EFE9

 D5FFFA

 D5FFFF

# Harmonies

## Analogous

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



C55FA2



D55A75



CD654B

# Triad

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



D55A75



5B913B



0090D7

# Complementary

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



D55A75



5AD5BA

# 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.



0097BC



D55A75



009764

# Square

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



D55A75



8C8623



009992



4A83DB

# Rectangle

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



D55A75



BD7034



009992



0093D1



# Sweetspot

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



D55A75



FFD4DD



B85AD5



80666C



000000



808080



# Same Dimension

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



D55A75



FF4F76



D57B5A



6B6063



AB0026



2B000A



# Inverse Universe

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



D55A75



FF4F76



5AB4D5



6B6063



AB0026



2B000A



# Previews

## White Background



This preview shows how the Hex color D55A75 looks on a white background.

## Color Contrast Check

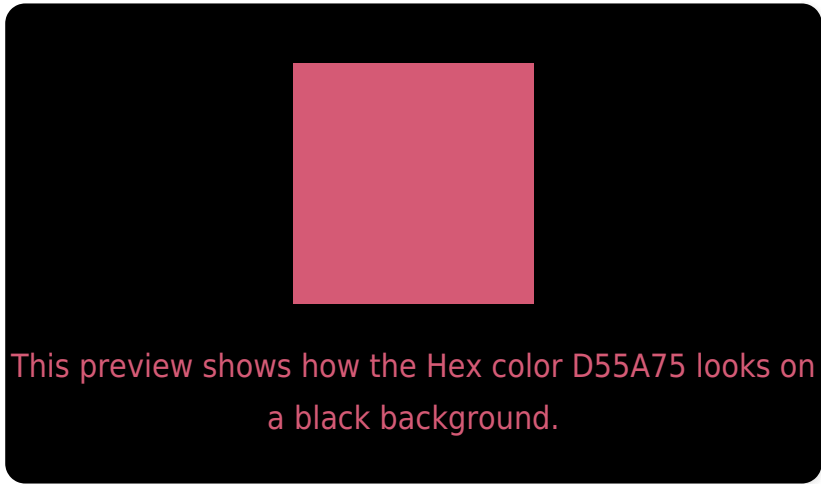
Large Text (above 18pt) WCAG AA ✓ Pass

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 D55A75 Background



This preview shows how black text looks on a background with the Hex color D55A75.

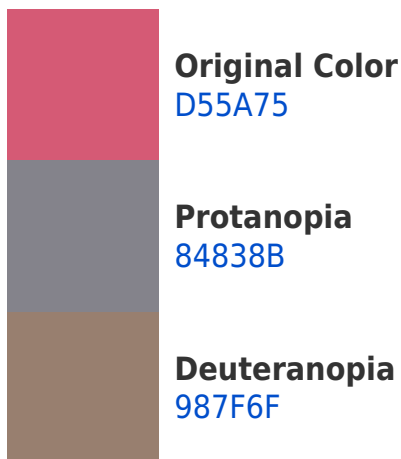



This preview shows how white text looks on a background with the Hex color D55A75.

# 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**  
D45D63

# Trichromacy



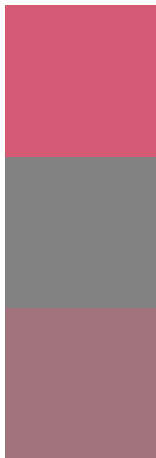
**Original Color**  
D55A75

**Protanomaly**  
A17483

**Deuteranomaly**  
AE7271

**Tritanomaly**  
D45C6A

# Monochromacy



**Original Color**  
D55A75

**Achromatopsia**  
828282

**Achromatomaly**  
A0737D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D55A75 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 #D55A75 looks like.

```
.text, #text, p{  
    color:#D55A75  
}
```

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 #D55A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55A75
}
```

## Border

The CSS property to change the border of an element to Hex D55A75 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
#D55A75 }
```

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

```
.border{ border-color:#D55A75 }
```

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

Here you see how a box with a 4 pixel #D55A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55A75; -webkit-box-shadow:4px 4px  
4px 4px #D55A75; box-shadow:4px 4px 4px  
4px #D55A75 }
```

# Background

The CSS property to change the background color of an element to Hex D55A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55A75 }
```

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

```
.background{ background-color:#D55A75 }
```

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