

# Converting Colors

Hex(D55C82)

Have a look what the booklet for  
Hex(D55C82) contains.

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# Color

Hex(D55C82)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D55C82
RGB	213, 92, 130
RGB Percent	84%, 36%, 51%
CMY	0.1647, 0.6392, 0.4902
CMYK	0.00, 0.57, 0.39, 0.16
HSL	341°, 59%, 60%
HSV	341°, 57%, 84%
XYZ	35.2970, 23.4121, 23.7777
YIQ	132.5110, 59.9180, 37.4700

# Conversions

## Conversions Part 2

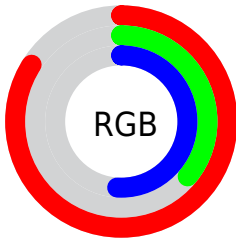
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 92, 130
Decimal	13982850
CIE <sub>Lab</sub>	55.49, 51.23, 2.83
CIE <sub>LCh</sub>	55, 51.306, 3.159
Yxy	23.4121, 0.4279, 0.2838
Android (android.graphics.Color)	4292172930 (0xFFD55C82)
YUV	132.5110, -1.2379, 70.5889
Hunter-Lab	48.3861, 45.5376, 4.7342

# Details

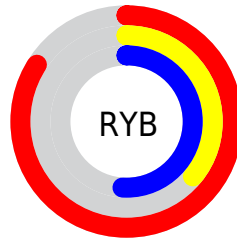
The Hex color **D55C82** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5CD5AF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF92B7**, and **9A2451** is the 20% darker color. If you saturate the color by 10%, you get **D54773**, and if you desaturate by 10%, it is **D57191**.

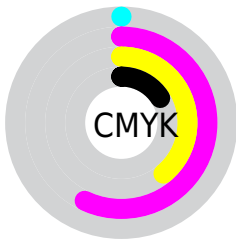
# Distribution



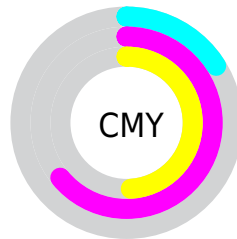
- Red (84%)
- Green (36%)
- Blue (51%)



- Red (84%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (57%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D55C82 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 D55C82 by changing the saturation by 10% instead.



 D55C82

 D55C82

FFFFFF

 B74169

 FF92B7

 9A2451

 FFAED2

 7E003A

 FFCBEF

 620025

 FFE8FF

 46000F

 2C0001

 000000

 D55C82

 D55C82

 D54773

 D57191

 D53165

 D5879F

 D51C56

 D59CAE

 D50748

 D5B1BC

 D50043

 D5C7CB

 D5DCDA

 D5F1E8

 D5FFF7

 D5FFFF

# Harmonies

## Analogous

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



BF65AE



D55C82



D36357

# Triad

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



D55C82



6B9035



0094D4

# Complementary

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



D55C82



5CD5AF

# 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.



009AB4



D55C82



23985B

# Square

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



D55C82



988425



009B88



2788DE

# Rectangle

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



D55C82



C66E3E



009B88



0096CB



# Sweetspot

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



D55C82



FFD4E1



AF5CD5



80666E



000000



808080



# Same Dimension

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



D55C82



FF5288



D5725C



6B6064



AB0036



2B000E



# Inverse Universe

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



D55C82



FF5288



5CBFD5



6B6064



AB0036

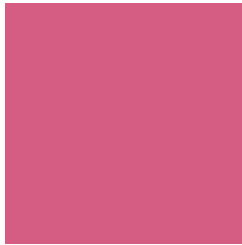


2B000E



# Previews

## White Background



This preview shows how the Hex color D55C82 looks on a white background.

## Color Contrast Check

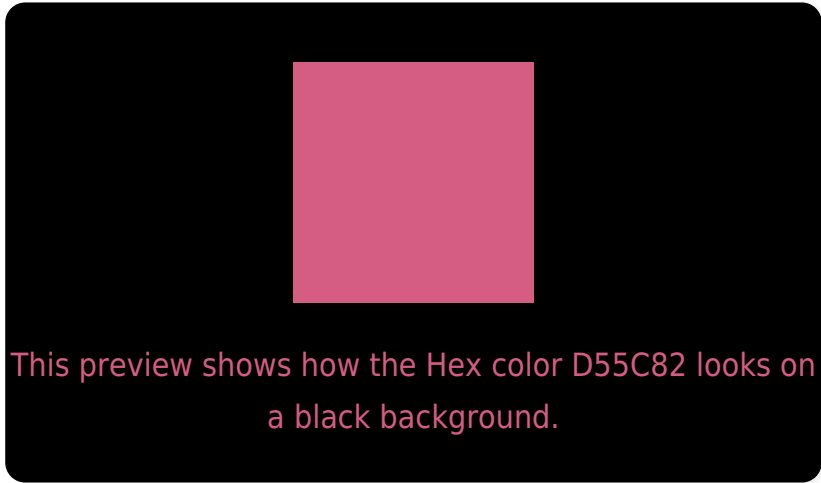
Large Text (above 18pt) WCAG AA ✓ Pass

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 D55C82 Background



This preview shows how black text looks on a background with the Hex color D55C82.



This preview shows how white text looks on a background with the Hex color D55C82.

# 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**  
D36168

# Trichromacy



**Original Color**  
D55C82



**Protanomaly**  
A07591



**Deuteranomaly**  
AD747E

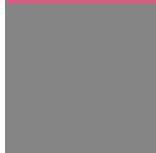


**Tritanomaly**  
D45F71

# Monochromacy



**Original Color**  
D55C82



**Achromatopsia**  
858585



**Achromatomaly**  
A27684

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D55C82 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 #D55C82 looks like.

```
.text, #text, p{  
    color:#D55C82  
}
```

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 #D55C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55C82
}
```

## Border

The CSS property to change the border of an element to Hex D55C82 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
#D55C82 }
```

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

```
.border{ border-color:#D55C82 }
```

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

Here you see how a box with a 4 pixel #D55C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55C82; -webkit-box-shadow:4px 4px  
4px 4px #D55C82; box-shadow:4px 4px 4px  
4px #D55C82 }
```

# Background

The CSS property to change the background color of an element to Hex D55C82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55C82 }
```

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

```
.background{ background-color:#D55C82 }
```

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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