

# Converting Colors

Hex(D55B76)

Have a look what the booklet for  
Hex(D55B76) contains.

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# Color

**Hex(D55B76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D55B76
RGB	213, 91, 118
RGB Percent	84%, 36%, 46%
CMY	0.1647, 0.6431, 0.5373
CMYK	0.00, 0.57, 0.45, 0.16
HSL	347°, 59%, 60%
HSV	347°, 57%, 84%
XYZ	34.4517, 22.9363, 19.7509
YIQ	130.5560, 64.0450, 34.2610

# Conversions

## Conversions Part 2

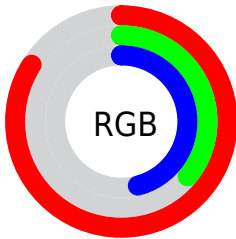
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 91, 118
Decimal	13982582
CIE <sub>Lab</sub>	55.01, 50.44, 9.21
CIE <sub>LCh</sub>	55, 51.272, 10.348
Yxy	22.9363, 0.4466, 0.2973
Android (android.graphics.Color)	4292172662 (0xFFD55B76)
YUV	130.5560, -6.1901, 72.3034
Hunter-Lab	47.8919, 44.5957, 9.0728

# Details

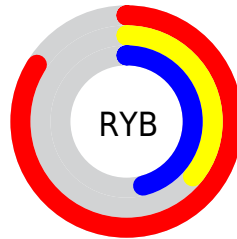
The Hex color **D55B76** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **5BD5BA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF91AA**, and **9A2346** is the 20% darker color. If you saturate the color by 10%, you get **D54665**, and if you desaturate by 10%, it is **D57087**.

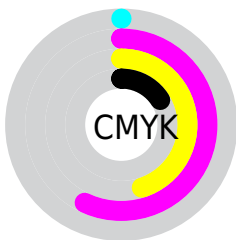
# Distribution



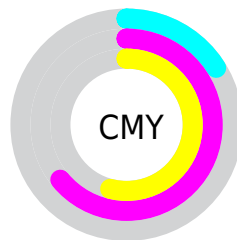
- Red (84%)
- Green (36%)
- Blue (46%)



- Red (84%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (57%)
- Yellow (45%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D55B76 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 D55B76 by changing the saturation by 10% instead.



 D55B76

 D55B76

FFFFFF

 B7405D

 FF91AA

 9A2346

 FFADC5

 7D0030

 FFCAE1

 61001B

 FFE7FE

 460000

 2A0001

 000000

 D55B76

 D55B76

 D54665

 D57087

 D53055

 D58697

 D51B44

 D59BA8

 D50634

 D5B0B8

 D5002F

 D5C6C9

 D5DBDA

 D5F0EA

 D5FFFB

 D5FFFF

# Harmonies

## Analogous

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



C560A3



D55B76



CD654C

# Triad

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



D55B76



5D913C



0090D7

# Complementary

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



D55B76



5BD5BA

# 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



D55B76



009764

# Square

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



D55B76



8D8624



009992



4A83DB

# Rectangle

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



D55B76



BE7136



009992



0093D0



# Sweetspot

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



D55B76



FFD4DD



B95BD5



80666C



000000



808080



# Same Dimension

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



D55B76



FF4F76



D57C5B



6B6063



AB0026



2B000A



# Inverse Universe

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



D55B76



FF4F76



5BB4D5



6B6063



AB0026



2B000A



# Previews

## White Background



This preview shows how the Hex color D55B76 looks on a white background.

## Color Contrast Check

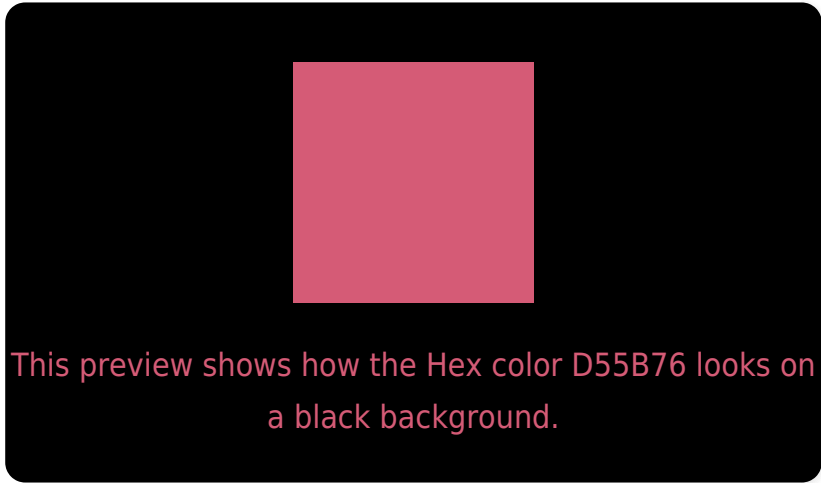
Large Text (above 18pt) WCAG AA ✓ Pass

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 D55B76 Background



This preview shows how black text looks on a background with the Hex color D55B76.



This preview shows how white text looks on a background with the Hex color D55B76.

# 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**  
D55B76

**Protanopia**  
84838C

**Deuteranopia**  
987F70



**Tritanopia**  
D45E65

# Trichromacy



**Original Color**  
D55B76

**Protanomaly**  
A17484

**Deuteranomaly**  
AE7272

**Tritanomaly**  
D45D6B

# Monochromacy



**Original Color**  
D55B76

**Achromatopsia**  
838383

**Achromatomaly**  
A1747E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D55B76 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 #D55B76 looks like.

```
.text, #text, p{  
    color:#D55B76  
}
```

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 #D55B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D55B76
}
```

## Border

The CSS property to change the border of an element to Hex D55B76 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
#D55B76 }
```

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

```
.border{ border-color:#D55B76 }
```

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

Here you see how a box with a 4 pixel #D55B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D55B76; -webkit-box-shadow:4px 4px  
4px 4px #D55B76; box-shadow:4px 4px 4px  
4px #D55B76 }
```

# Background

The CSS property to change the background color of an element to Hex D55B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D55B76 }
```

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

```
.background{ background-color:#D55B76 }
```

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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