

# Converting Colors

Hex(D7556A)

Have a look what the booklet for  
Hex(D7556A) contains.

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# Color

**Hex(D7556A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7556A
RGB	215, 85, 106
RGB Percent	84%, 33%, 42%
CMY	0.1569, 0.6667, 0.5843
CMYK	0.00, 0.60, 0.51, 0.16
HSL	350°, 62%, 59%
HSV	350°, 60%, 84%
XYZ	33.8743, 21.9847, 16.0938
YIQ	126.2640, 70.7390, 34.0910

# Conversions

## Conversions Part 2

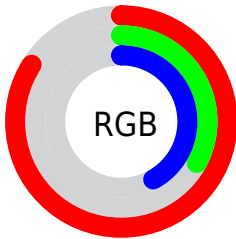
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 85, 106
Decimal	14112106
CIE Lab	54.01, 52.73, 14.96
CIE LCh	54, 54.810, 15.842
Yxy	21.9847, 0.4708, 0.3055
Android (android.graphics.Color)	4292302186 (0xFFD7556A)
YUV	126.2640, -9.9902, 77.8215
Hunter-Lab	46.8878, 46.9046, 12.4708

# Details

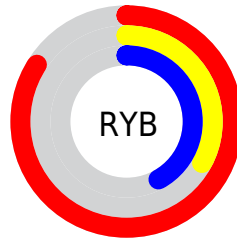
The Hex color **D7556A** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **55D7C2**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8C9D**, and **9B1A3B** is the 20% darker color. If you saturate the color by 10%, you get **D74058**, and if you desaturate by 10%, it is **D76B7C**.

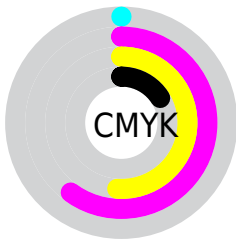
# Distribution



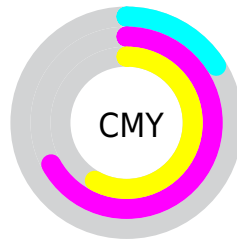
- Red (84%)
- Green (33%)
- Blue (42%)



- Red (84%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7556A 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 D7556A by changing the saturation by 10% instead.



 D7556A

 D7556A

FFFFFF

 B93952

 FF8C9D

 9B1A3B

 FFA8B8

 7E0026

 FFC4D4

 610011

 FFE1F0

 450001

FFFEFF

 280001

 000000

 D7556A

 D7556A

 D74058

 D76B7C

 D72A46

 D7808E

 D71534

 D796A0

 D70023

 D7ABB2

 D7C1C4

 D7D6D6

 D7ECE8

 D7FFFA

 D7FFFF

# Harmonies

## Analogous

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



CB589A



D7556A



CA633F

# Triad

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



D7556A



4A913B



008DDD

# Complementary

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



D7556A



55D7C2

# 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.



0095C4



D7556A



009668

# Square

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



D7556A



82871A



00989A



557EDC

# Rectangle

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



D7556A



B87027



00989A



0090D7



# Sweetspot

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



D7556A



FFD1D9



C155D7



806368



000000



808080



# Same Dimension

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



D7556A



FF4563



D78055



6B6062



AB001C



2B0007



# Inverse Universe

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



D7556A



FF4563



55ACD7



6B6062



AB001C



2B0007



# Previews

## White Background



This preview shows how the Hex color D7556A looks on a white background.

## Color Contrast Check

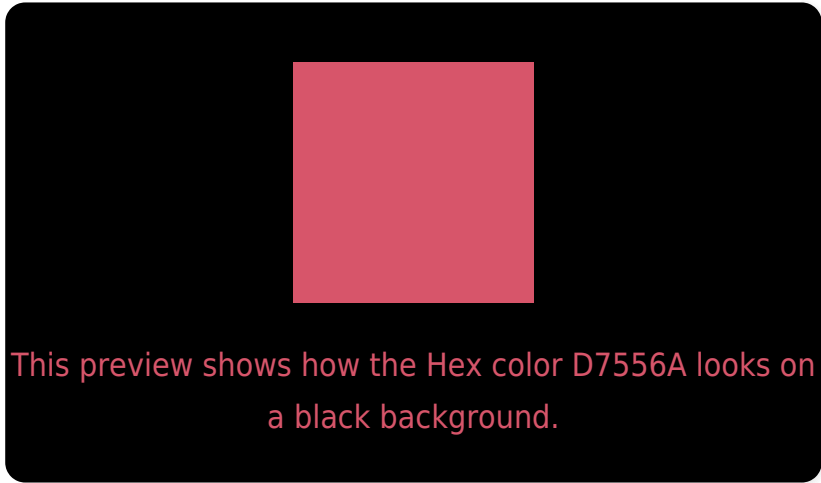
Large Text (above 18pt) WCAG AA ✓ Pass

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 D7556A Background



This preview shows how black text looks on a background with the Hex color D7556A.

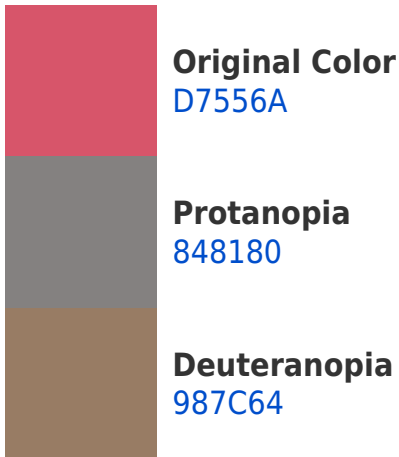



This preview shows how white text looks on a background with the Hex color D7556A.

# 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](#).

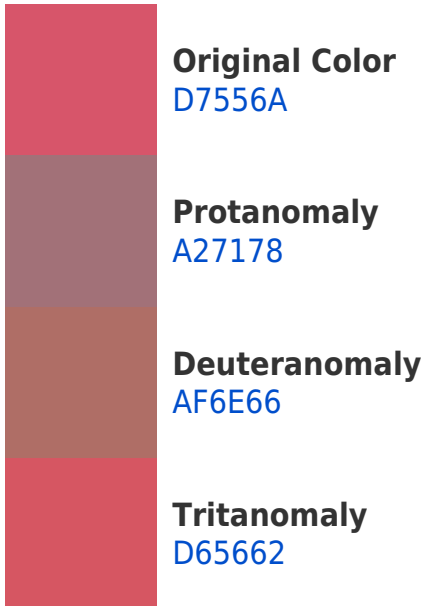
## Dichromacy





**Tritanopia**  
D6575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7556A 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 #D7556A looks like.

```
.text, #text, p{  
    color:#D7556A  
}
```

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 #D7556A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7556A
}
```

## Border

The CSS property to change the border of an element to Hex D7556A 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
#D7556A }
```

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

```
.border{ border-color:#D7556A }
```

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

Here you see how a box with a 4 pixel #D7556A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7556A; -webkit-box-shadow:4px 4px  
4px 4px #D7556A; box-shadow:4px 4px 4px  
4px #D7556A }
```

# Background

The CSS property to change the background color of an element to Hex D7556A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7556A }
```

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

```
.background{ background-color:#D7556A }
```

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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