

# Converting Colors

Hex(D1566D)

Have a look what the booklet for  
Hex(D1566D) contains.

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# Color

**Hex(D1566D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1566D
RGB	209, 86, 109
RGB Percent	82%, 34%, 43%
CMY	0.1804, 0.6627, 0.5725
CMYK	0.00, 0.59, 0.48, 0.18
HSL	349°, 57%, 58%
HSV	349°, 59%, 82%
XYZ	32.3826, 21.3150, 16.8755
YIQ	125.3990, 65.9250, 33.2290

# Conversions

## Conversions Part 2

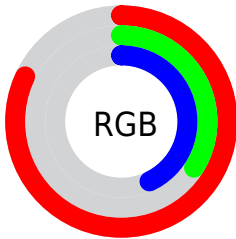
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 86, 109
Decimal	13719149
CIE <sub>Lab</sub>	53.29, 50.54, 12.04
CIE <sub>LCh</sub>	53, 51.956, 13.398
Yxy	21.3150, 0.4589, 0.3020
Android (android.graphics.Color)	4291909229 (0xFFD1566D)
YUV	125.3990, -8.0847, 73.3181
Hunter-Lab	46.1682, 44.4065, 10.6460

# Details

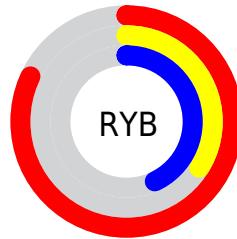
The Hex color **D1566D** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **56D1BA**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8CA0**, and **961D3E** is the 20% darker color. If you saturate the color by 10%, you get **D1415C**, and if you desaturate by 10%, it is **D16B7E**.

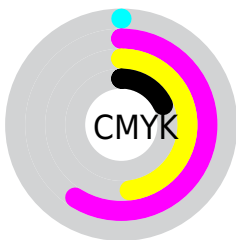
# Distribution



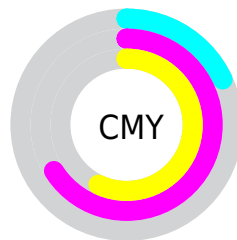
- Red (82%)
- Green (34%)
- Blue (43%)



- Red (82%)
- Yellow (34%)
- Blue (43%)



- Cyan (0%)
- Magenta (59%)
- Yellow (48%)
- Black (18%)



- Cyan (18%)
- Magenta (66%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1566D 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 D1566D by changing the saturation by 10% instead.



 D1566D

 D1566D

FFFFFF

 B33B55

 FF8CA0

 961D3E

 FFA8BB

 790028

 FFC4D7

 5C0014

 FFE1F3

 410001

 230001

 000000

 D1566D

 D1566D

 D1415C

 D16B7E

 D12C4B

 D1808F

 D1173A

 D195A0

 D10229

 D1AAB1

 D10027

 D1BFC2

 D1D3D3

 D1E8E4

 D1FDF5

 D1FFFF

# Harmonies

## Analogous

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



C45A9A



D1566D



C76244

# Triad

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



D1566D



528E3A



008BD5

# Complementary

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



D1566D



56D1BA

# 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.



0093BC



D1566D



009364

# Square

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



D1566D



84831F



009593



4F7DD7

# Rectangle

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



D1566D



B66E2D



009593



008ECF



# Sweetspot

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



D1566D



FFD1DA



B856D1



806369



000000



808080



# Same Dimension

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



D1566D



FF4A6C



D17B56



695E60



A8001F



290008



# Inverse Universe

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



D1566D



FF4A6C



56ACD1



695E60



A8001F

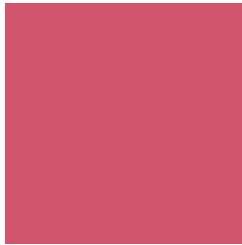


290008



# Previews

## White Background



This preview shows how the Hex color D1566D looks on a white background.

## Color Contrast Check

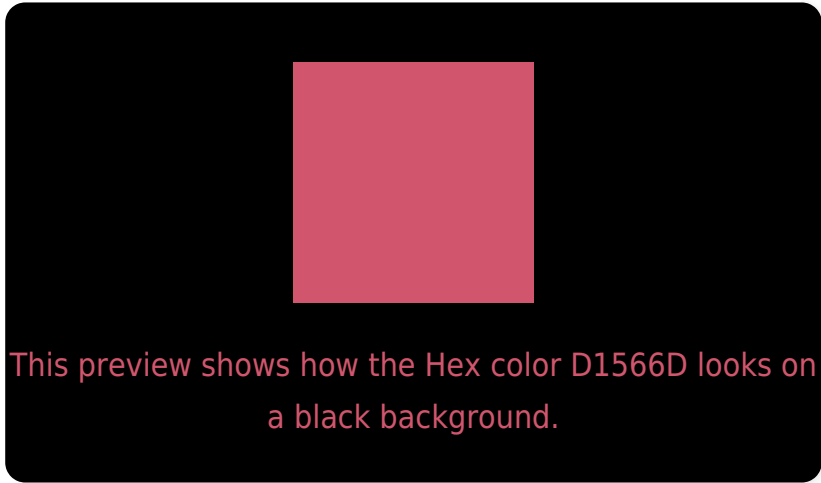
Large Text (above 18pt) WCAG AA ✓ Pass

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 D1566D Background



This preview shows how black text looks on a background with the Hex color D1566D.

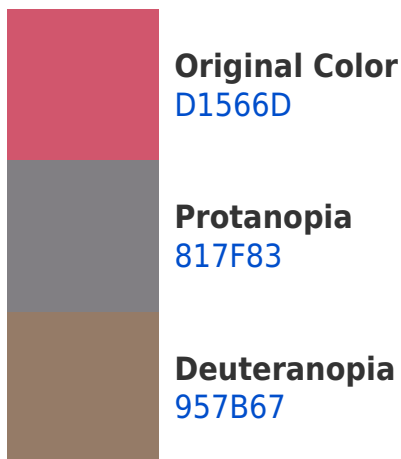


This preview shows how white text looks on a background with the Hex color D1566D.

# 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](#).

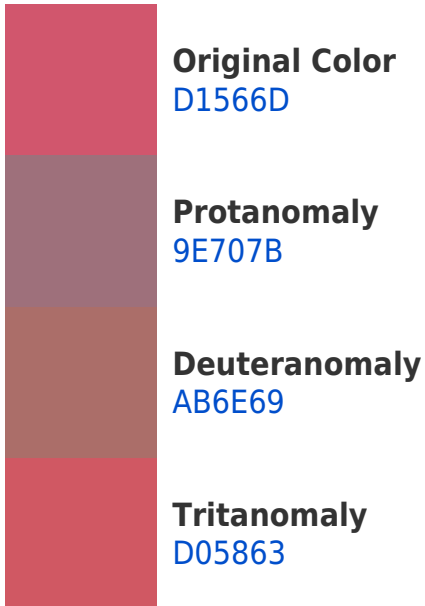
## Dichromacy



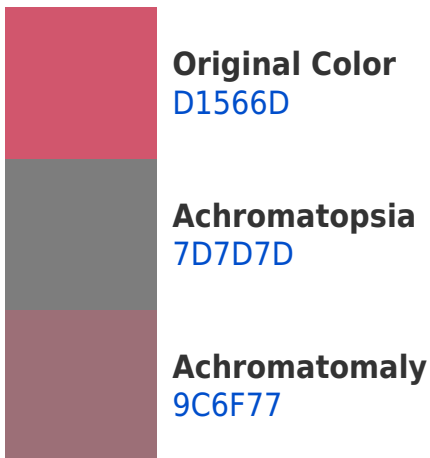


**Tritanopia**  
D0595E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1566D 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 #D1566D looks like.

```
.text, #text, p{  
    color:#D1566D  
}
```

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 #D1566D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1566D
}
```

## Border

The CSS property to change the border of an element to Hex D1566D is called "border". The border property can be set on classes, ids or directly on the HTML element.

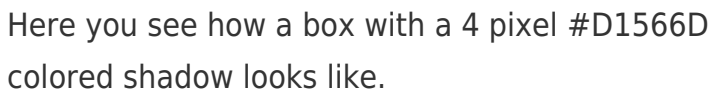
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D1566D }
```

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

```
.border{ border-color:#D1566D }
```

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



Here you see how a box with a 4 pixel #D1566D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1566D; -webkit-box-shadow:4px 4px  
4px 4px #D1566D; box-shadow:4px 4px 4px  
4px #D1566D }
```

# Background

The CSS property to change the background color of an element to Hex D1566D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1566D }
```

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

```
.background{ background-color:#D1566D }
```

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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