

Converting Colors

Hex(DD566B)

Have a look what the booklet for
Hex(DD566B) contains.

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Color

Hex(DD566B)

Conversions

Conversions Part 1

Format	Color
Hex	DD566B
RGB	221, 86, 107
RGB Percent	87%, 34%, 42%
CMY	0.1333, 0.6627, 0.5804
CMYK	0.00, 0.61, 0.52, 0.13
HSL	351°, 67%, 60%
HSV	351°, 61%, 87%
XYZ	35.8004, 23.0893, 16.4797
YIQ	128.7590, 73.7190, 35.1510

Conversions

Conversions Part 2

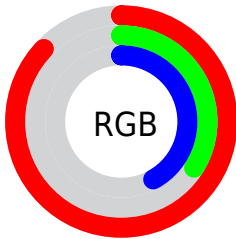
Format	Color
R_{YB}	221, 86, 107
Decimal	14505579
CIE Lab	55.16, 54.35, 16.11
CIE LCh	55, 56.690, 16.512
Yxy	23.0893, 0.4750, 0.3063
Android (android.graphics.Color)	4292695659 (0xFFDD566B)
YUV	128.7590, -10.7272, 80.8954
Hunter-Lab	48.0513, 48.9010, 13.3018

Details

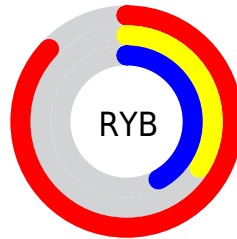
The Hex color **DD566B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **56DDC8**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8D9E**, and **A11A3C** is the 20% darker color. If you saturate the color by 10%, you get **DD4058**, and if you desaturate by 10%, it is **DD6C7E**.

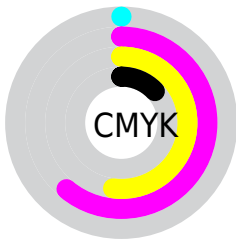
Distribution



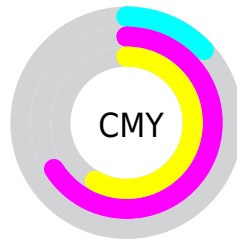
- Red (87%)
- Green (34%)
- Blue (42%)



- Red (87%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (52%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD566B 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 DD566B by changing the saturation by 10% instead.

 DD566B

 DD566B

FFFFFF

 BF3A53

 FF8D9E

 A11A3C

 FFA9B9

 830027

 FFC6D5

 660013

 FFE3F1

 490000

 2D0002

 000000

 DD566B

 DD566B

 DD4058

 DD6C7E

 DD2A46

 DD8290

 DD1433

 DD98A3

 DD0022

 DDAEB6

 DDC5C8

 DDDBDB

 DDF1EE

 DDFFFF

Harmonies

Analogous

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



D2589C



DD566B



CF663E

Triad

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



DD566B



49953C



0090E4

Complementary

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



DD566B



56DDC8

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.



0099CA



DD566B



009A6B

Square

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



DD566B



838A18



009B9F



5880E3

Rectangle

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



DD566B



BC7325



009B9F



0094DE

Sweetspot

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



DD566B



FFD1D8



C756DD



806368



000000



808080

Same Dimension

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



DD566B



FF4562



DD8356



6E6364



AD001B



2E0007

Inverse Universe

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



DD566B



FF4562



56B0DD



6E6364



AD001B



2E0007

Previews

White Background



This preview shows how the Hex color DD566B looks on a white background.

Color Contrast Check

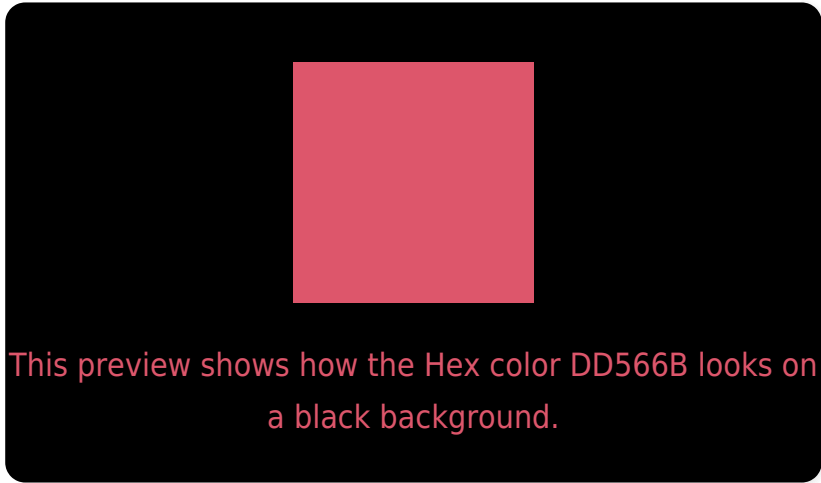
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD566B Background



This preview shows how black text looks on a background with the Hex color DD566B.



This preview shows how white text looks on a background with the Hex color DD566B.

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

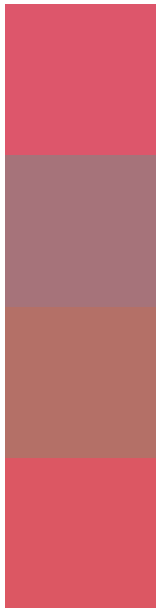


Original Color
DD566B

Protanopia
878482

Deuteranopia
9C7F65

Trichromacy



Original Color
DD566B

Protanomaly
A6737A

Deuteranomaly
B47067

Tritanomaly
DC5763

Monochromacy



Original Color
DD566B

Achromatopsia
818181

Achromatomaly
A27179

CSS Examples

Text

The CSS property to change the color of the text to Hex DD566B 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 #DD566B looks like.

```
.text, #text, p{  
    color:#DD566B  
}
```

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 #DD566B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD566B
}
```

Border

The CSS property to change the border of an element to Hex DD566B 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
#DD566B }
```

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

```
.border{ border-color:#DD566B }
```

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

Here you see how a box with a 4 pixel #DD566B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD566B; -webkit-box-shadow:4px 4px  
4px 4px #DD566B; box-shadow:4px 4px 4px  
4px #DD566B }
```

Background

The CSS property to change the background color of an element to Hex DD566B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD566B }
```

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

```
.background{ background-color:#DD566B }
```

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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