

# Converting Colors

Hex(DD6969)

Have a look what the booklet for  
Hex(DD6969) contains.

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# Color

**Hex(DD6969)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD6969
RGB	221, 105, 105
RGB Percent	87%, 41%, 41%
CMY	0.1333, 0.5882, 0.5882
CMYK	0.00, 0.52, 0.52, 0.13
HSL	0°, 63%, 64%
HSV	0°, 52%, 87%
XYZ	37.4202, 26.4952, 16.5064
YIQ	139.6840, 69.1360, 24.5920

# Conversions

## Conversions Part 2

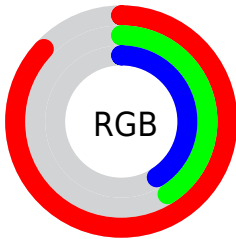
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 105, 105
Decimal	14510441
CIE <sub>Lab</sub>	58.50, 45.32, 21.81
CIE <sub>LCh</sub>	59, 50.297, 25.702
Yxy	26.4952, 0.4653, 0.3295
Android (android.graphics.Color)	4292700521 (0xFFDD6969)
YUV	139.6840, -17.0992, 71.3141
Hunter-Lab	51.4735, 39.6871, 17.0185

# Details

The Hex color **DD6969** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69DDDD**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9F9C**, and **A1343A** is the 20% darker color. If you saturate the color by 10%, you get **DD5353**, and if you desaturate by 10%, it is **DD7F7F**.

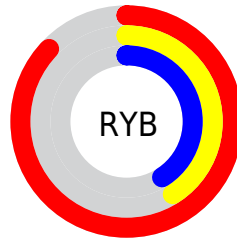
# Distribution



Red (87%)

Green (41%)

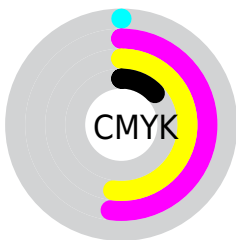
Blue (41%)



Red (87%)

Yellow (41%)

Blue (41%)

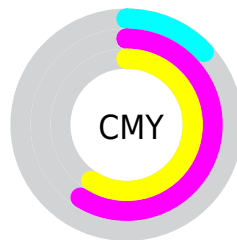


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (13%)



Cyan (13%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD6969 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 DD6969 by changing the saturation by 10% instead.



 DD6969

 DD6969

FFFFFF

 BF4F51

 FF9F9C

 A1343A

 FFBBB7

 841724

 FFD7D3

 670010

 FFF4EF

 4B0000

 310002

 000000

 DD6969

 DD6969

 DD5353

 DD7F7F

 DD3D3D

 DD9595

 DD2727

 DDABAB

 DD1111

 DDC1C1

 DD0000

 DDD8D8

 DDEEEE

 DDFFFF

# Harmonies

## Analogous

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



D96695



DD6969



CB7844

# Triad

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



DD6969



479E59



0093E4

# Complementary

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



DD6969



69DDDD

# 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.



009ED5



DD6969



00A285

# Square

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



DD6969



809538



00A2B2



8484DC

# Rectangle

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



DD6969



B78334



00A2B2



0097E2



# Sweetspot

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



DD6969



FFD6D6



DD69DD



806767



000000



808080



# Same Dimension

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



DD6969



FF5E5E



DDA369



6E6363



AD0000



2E0000



# Inverse Universe

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



69DDDD



5EFFFF



69A3DD



636E6E



00ADAD



002E2E



# Previews

## White Background



This preview shows how the Hex color DD6969 looks on a white background.

## Color Contrast Check

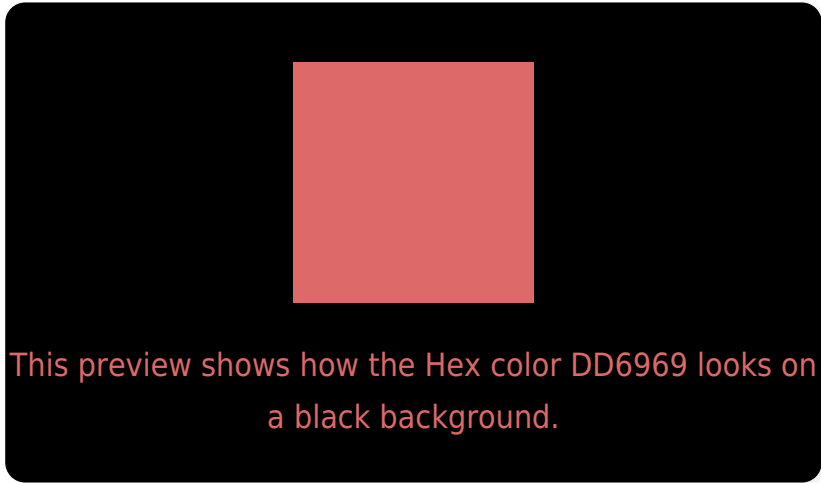
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD6969 Background



This preview shows how black text looks on a background with the Hex color DD6969.

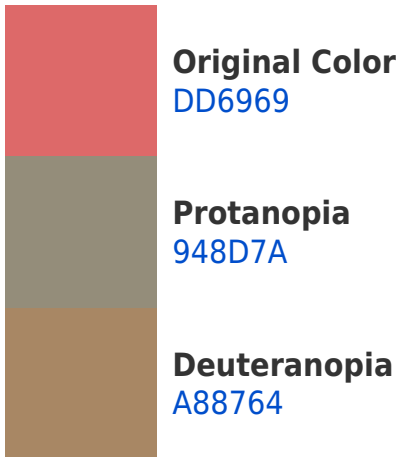



This preview shows how white text looks on a background with the Hex color DD6969.

# 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**  
DD686F

# Trichromacy



**Original Color**  
DD6969

**Protanomaly**  
AF8074

**Deuteranomaly**  
BB7C66

**Tritanomaly**  
DD686D

# Monochromacy



**Original Color**  
DD6969

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
A97F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD6969 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 #DD6969 looks like.

```
.text, #text, p{  
    color:#DD6969  
}
```

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 #DD6969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD6969
}
```

## Border

The CSS property to change the border of an element to Hex DD6969 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
#DD6969 }
```

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

```
.border{ border-color:#DD6969 }
```

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

Here you see how a box with a 4 pixel #DD6969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD6969; -webkit-box-shadow:4px 4px  
4px 4px #DD6969; box-shadow:4px 4px 4px  
4px #DD6969 }
```

# Background

The CSS property to change the background color of an element to Hex DD6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD6969 }
```

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

```
.background{ background-color:#DD6969 }
```

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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