

# Converting Colors

Hex(D36B73)

Have a look what the booklet for  
Hex(D36B73) contains.

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**Color**

**Hex(D36B73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D36B73
RGB	211, 107, 115
RGB Percent	83%, 42%, 45%
CMY	0.1725, 0.5804, 0.5490
CMYK	0.00, 0.49, 0.45, 0.17
HSL	355°, 54%, 62%
HSV	355°, 49%, 83%
XYZ	35.2162, 25.6021, 19.3053
YIQ	139.0080, 59.4160, 24.5360

# Conversions

## Conversions Part 2

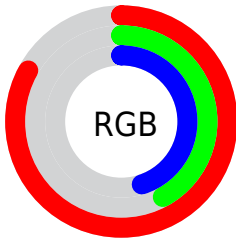
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 107, 115
Decimal	13855603
CIE <sub>Lab</sub>	57.66, 41.63, 14.64
CIE <sub>LCh</sub>	58, 44.128, 19.373
Yxy	25.6021, 0.4395, 0.3195
Android (android.graphics.Color)	4292045683 (0xFFD36B73)
YUV	139.0080, -11.8359, 63.1370
Hunter-Lab	50.5985, 35.6873, 12.7976

# Details

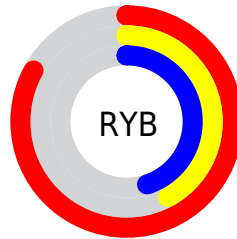
The Hex color **D36B73** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6BD3CB**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA1A7**, and **993743** is the 20% darker color. If you saturate the color by 10%, you get **D35660**, and if you desaturate by 10%, it is **D38086**.

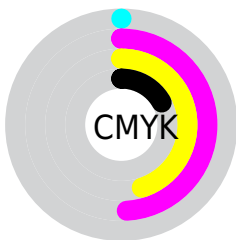
# Distribution



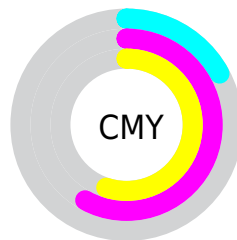
- Red (83%)
- Green (42%)
- Blue (45%)



- Red (83%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (45%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D36B73 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 D36B73 by changing the saturation by 10% instead.



 D36B73

 D36B73

FFFFFF

 B6515B

 FFA1A7

 993743

 FFBC2

 7C1C2D

 FFD9DE

 600019

 FFF6FA

 450000

 2C0001

 000000

 D36B73

 D36B73

 D35660

 D38086

 D3414C

 D3959A

 D32C39

 D3AAAD

 D31725

 D3BFC1

 D30212

 D3D4D4

 D30010

 D3EAE8

 D3FFFB

 D3FFFF

# Harmonies

## Analogous

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



CB6B9A



D36B73



C77551

# Triad

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



D36B73



5C9956



0193D6

# Complementary

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



D36B73



6BD3CB

# 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.



009BC4



D36B73



009D7B

# Square

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



D36B73



89903F



009EA3



7786D3

# Rectangle

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



D36B73



B77F42



009EA3



0096D2



# Sweetspot

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



D36B73



FFD9DC



CA6BD3



80696A



000000



808080



# Same Dimension

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



D36B73



FF6974



D3966B



695E5F



A8000D



290003



# Inverse Universe

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



D36B73



FF6974



6BA8D3



695E5F



A8000D



290003



# Previews

## White Background



This preview shows how the Hex color D36B73 looks on a white background.

## Color Contrast Check

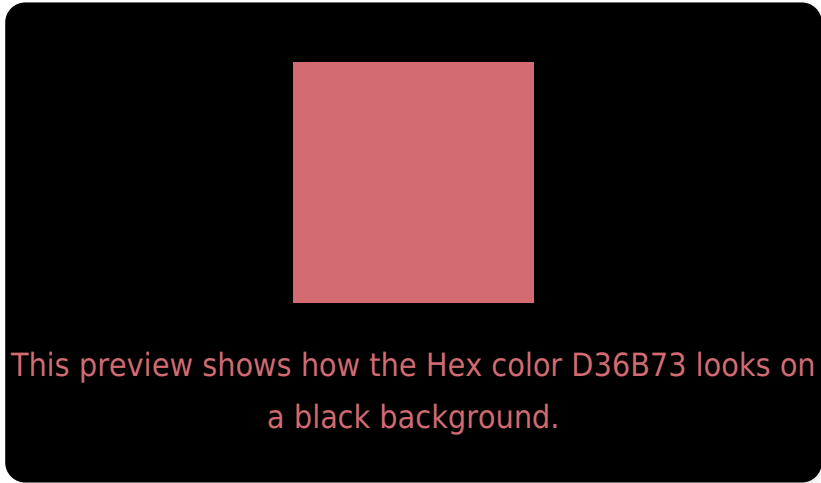
Large Text (above 18pt) WCAG AA ✓ Pass

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 D36B73 Background



This preview shows how black text looks on a background with the Hex color D36B73.

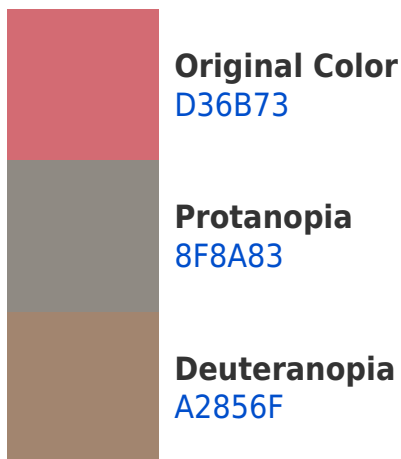



This preview shows how white text looks on a background with the Hex color D36B73.

# 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**  
D36B73

# Trichromacy



**Original Color**  
D36B73



**Protanomaly**  
A87F7D



**Deuteranomaly**  
B47C70

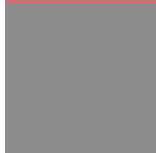


**Tritanomaly**  
D36B73

# Monochromacy



**Original Color**  
D36B73



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
A57F82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D36B73 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 #D36B73 looks like.

```
.text, #text, p{  
    color:#D36B73  
}
```

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 #D36B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36B73
}
```

## Border

The CSS property to change the border of an element to Hex D36B73 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
#D36B73 }
```

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

```
.border{ border-color:#D36B73 }
```

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

Here you see how a box with a 4 pixel #D36B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36B73; -webkit-box-shadow:4px 4px  
4px 4px #D36B73; box-shadow:4px 4px 4px  
4px #D36B73 }
```

# Background

The CSS property to change the background color of an element to Hex D36B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36B73 }
```

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

```
.background{ background-color:#D36B73 }
```

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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