

# Converting Colors

Hex(D82765)

Have a look what the booklet for  
Hex(D82765) contains.

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# Color

**Hex(D82765)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D82765
RGB	216, 39, 101
RGB Percent	85%, 15%, 40%
CMY	0.1529, 0.8471, 0.6039
CMYK	0.00, 0.82, 0.53, 0.15
HSL	339°, 69%, 50%
HSV	339°, 82%, 85%
XYZ	31.3934, 16.9896, 13.9366
YIQ	98.9910, 85.5900, 56.8060

# Conversions

## Conversions Part 2

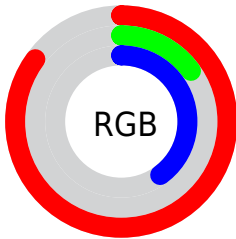
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 39, 101
Decimal	14165861
CIE <sub>Lab</sub>	48.25, 68.70, 9.98
CIE <sub>LCh</sub>	48, 69.418, 8.264
Yxy	16.9896, 0.5037, 0.2726
Android (android.graphics.Color)	4292355941 (0xFFD82765)
YUV	98.9910, 0.9904, 102.6169
Hunter-Lab	41.2184, 63.8198, 8.8059

# Details

The Hex color **D82765** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **27D89A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6898**, and **9A0037** is the 20% darker color. If you saturate the color by 10%, you get **D81157**, and if you desaturate by 10%, it is **D83D73**.

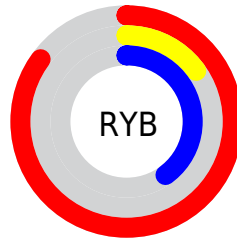
# Distribution



Red (85%)

Green (15%)

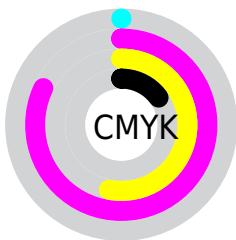
Blue (40%)



Red (85%)

Yellow (15%)

Blue (40%)

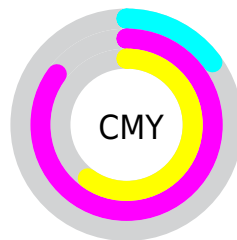


Cyan (0%)

Magenta (82%)

Yellow (53%)

Black (15%)



Cyan (15%)

Magenta (85%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D82765 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 D82765 by changing the saturation by 10% instead.



 D82765

 D82765

FFFFFF

 B9004D

 FF6898

 9A0037

 FF86B2

 7C0022

 FFA3CE

 5E000B

 FFC0EA

 420003

 FFDEFF

 200001

 FFFCFF

 000000

 D82765

 D82765

 D81157

 D83D73

 D8004C

 D85281

 D8688F

 D87D9D

 D893AB

 D8A9B9

 D8BEC7

 D8D4D5

 D8E9E3

# Harmonies

## Analogous

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



C3389F



D82765



CE412C

# Triad

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



D82765



3A8300



0084E0

# Complementary

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



D82765



27D89A

# 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.



008BBA



D82765



008944

# Square

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



D82765



7C7500



008C82



0075E8

# Rectangle

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



D82765



BA5600



008C82



0087D6



# Sweetspot

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



D82765



FFBFD6



9727D8



805967



000000



808080



# Same Dimension

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



D82765



FF055D



D83F27



6B6064



AB003C



2B000F



# Inverse Universe

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



D82765



FF055D



27C0D8



6B6064



AB003C



2B000F



# Previews

## White Background



This preview shows how the Hex color D82765 looks on a white background.

## Color Contrast Check

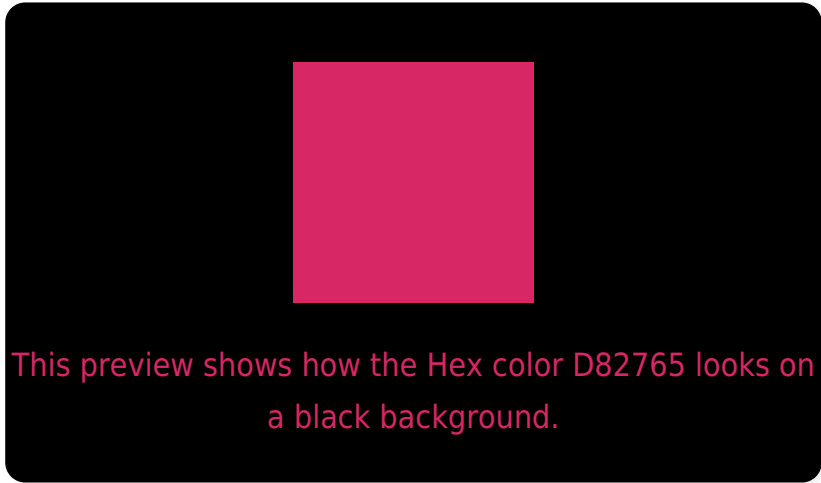
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D82765 Background



This preview shows how black text looks on a background with the Hex color D82765.




This preview shows how white text looks on a background with the Hex color D82765.

# 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](#).

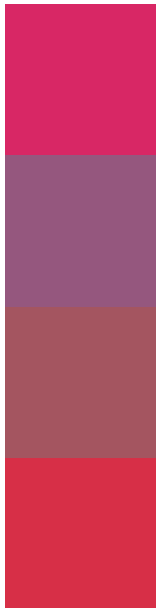
## Dichromacy





**Tritanopia**  
D63436

# Trichromacy



**Original Color**  
D82765

**Protanomaly**  
95577E

**Deuteranomaly**  
A45560

**Tritanomaly**  
D72F47

# Monochromacy



**Original Color**  
D82765

**Achromatopsia**  
636363

**Achromatomaly**  
8E4D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D82765 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 #D82765 looks like.

```
.text, #text, p{  
    color:#D82765  
}
```

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 #D82765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D82765
}
```

## Border

The CSS property to change the border of an element to Hex D82765 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
#D82765 }
```

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

```
.border{ border-color:#D82765 }
```

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

Here you see how a box with a 4 pixel #D82765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D82765; -webkit-box-shadow:4px 4px  
4px 4px #D82765; box-shadow:4px 4px 4px  
4px #D82765 }
```

# Background

The CSS property to change the background color of an element to Hex D82765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D82765 }
```

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

```
.background{ background-color:#D82765 }
```

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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