

# Converting Colors

Hex(D284D8)

Have a look what the booklet for  
Hex(D284D8) contains.

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# **Color**

**Hex(D284D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D284D8
RGB	210, 132, 216
RGB Percent	82%, 52%, 85%
CMY	0.1765, 0.4824, 0.1529
CMYK	0.03, 0.39, 0.00, 0.15
HSL	296°, 52%, 68%
HSV	296°, 39%, 85%
XYZ	47.2243, 35.1620, 69.2637
YIQ	164.8980, 19.5240, 42.6600

# Conversions

## Conversions Part 2

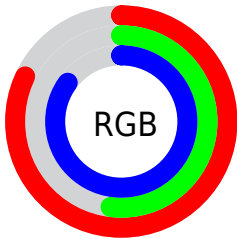
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 132, 216
Decimal	13796568
CIE <sub>Lab</sub>	65.87, 43.11, -30.84
CIE <sub>LCh</sub>	66, 53.006, 324.416
Yxy	35.1620, 0.3114, 0.2319
Android (android.graphics.Color)	4291986648 (0xFFD284D8)
YUV	164.8980, 25.1933, 39.5545
Hunter-Lab	59.2976, 38.3857, -27.7465

# Details

The Hex color **D284D8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8AD884**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBBFF**, and **9A50A1** is the 20% darker color. If you saturate the color by 10%, you get **D06ED8**, and if you desaturate by 10%, it is **D49AD8**.

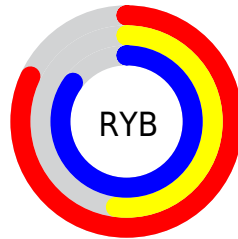
# Distribution



Red (82%)

Green (52%)

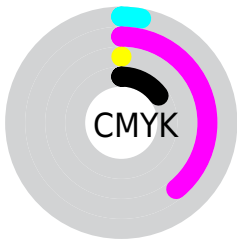
Blue (85%)



Red (82%)

Yellow (52%)

Blue (85%)

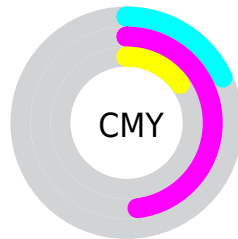


Cyan (3%)

Magenta (39%)

Yellow (0%)

Black (15%)



Cyan (18%)

Magenta (48%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D284D8 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 D284D8 by changing the saturation by 10% instead.



 D284D8

 D284D8

FFFFFF

 B66ABC

 FFBBFF

 9A50A1

 FFD7FF

 7F3786

 FFF4FF

 651D6D

 4B0054

 32003D

 1B0026

 00010F

 000000

 D284D8

 D284D8

 D06ED8

 D49AD8

 CF59D8

 D5AFD8

 CD43D8

 D7C5D8

 CC2ED8

 D8DAD8

 CA18D8

 DAF0D8

 C902D8

 DBFFD8

 C900D8

 DDFFD8

 DEFFD8

 E0FFD8

# Harmonies

## Analogous

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



9497F7



D284D8



F277AB

# Triad

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



D284D8



C39A3D



00B7C6

# Complementary

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



D284D8



8AD884

# 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.



00B795



D284D8



95A945

# Square

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



D284D8



E68954



59B366



00B3EC

# Rectangle

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



D284D8



F9778B



59B366



00B8B6



# Sweetspot

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



D284D8



FDE0FF



848BD8



7E6E80



000000



808080



# Same Dimension

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



D284D8



F687FF



D884B5



6A606B



9F00AB



28002B



# Inverse Universe

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



D8848A



FF8790



84D8A7



6B6061



AB000C



2B0003



# Previews

## White Background



This preview shows how the Hex color D284D8 looks on a white background.

## Color Contrast Check

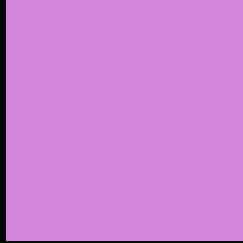
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D284D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

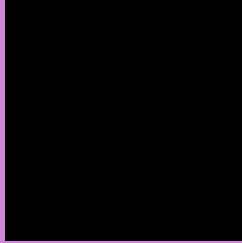
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D284D8 Background



This preview shows how black text looks on a background with the Hex color D284D8.

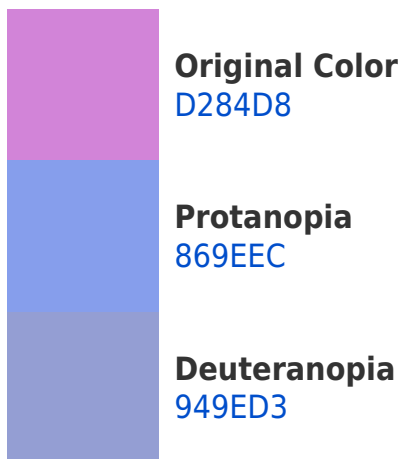



This preview shows how white text looks on a background with the Hex color D284D8.

# 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**  
CA919C

# Trichromacy



**Original Color**  
D284D8



**Protanomaly**  
A295E5



**Deuteranomaly**  
AB95D5



**Tritanomaly**  
CD8CB2

# Monochromacy



**Original Color**  
D284D8



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
B599B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D284D8 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 #D284D8 looks like.

```
.text, #text, p{  
    color:#D284D8  
}
```

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 #D284D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D284D8
}
```

## Border

The CSS property to change the border of an element to Hex D284D8 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
#D284D8 }
```

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

```
.border{ border-color:#D284D8 }
```

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

Here you see how a box with a 4 pixel #D284D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D284D8; -webkit-box-shadow:4px 4px  
4px 4px #D284D8; box-shadow:4px 4px 4px  
4px #D284D8 }
```

# Background

The CSS property to change the background color of an element to Hex D284D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D284D8 }
```

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

```
.background{ background-color:#D284D8 }
```

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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