

# Converting Colors

Hex(D284F6)

Have a look what the booklet for  
Hex(D284F6) contains.

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# Color

**Hex(D284F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D284F6
RGB	210, 132, 246
RGB Percent	82%, 52%, 96%
CMY	0.1765, 0.4824, 0.0353
CMYK	0.15, 0.46, 0.00, 0.04
HSL	281°, 86%, 74%
HSV	281°, 46%, 96%
XYZ	51.4642, 36.8580, 91.5906
YIQ	168.3180, 9.8940, 51.9900

# Conversions

## Conversions Part 2

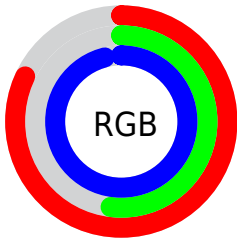
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 132, 246
Decimal	13796598
CIE Lab	67.17, 49.04, -45.40
CIE LCh	67, 66.826, 317.206
Yxy	36.8580, 0.2861, 0.2049
Android (android.graphics.Color)	4291986678 (0xFFD284F6)
YUV	168.3180, 38.2972, 36.5551
Hunter-Lab	60.7108, 45.0695, -46.9496

# Details

The Hex color **D284F6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8F684**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBBFF**, and **9950BD** is the 20% darker color. If you saturate the color by 10%, you get **CA6BF6**, and if you desaturate by 10%, it is **DA9DF6**.

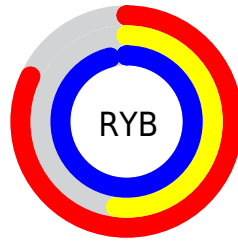
# Distribution



Red (82%)

Green (52%)

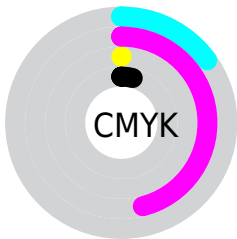
Blue (96%)



Red (82%)

Yellow (52%)

Blue (96%)

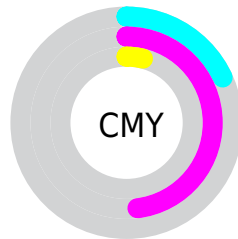


Cyan (15%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (48%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D284F6 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 D284F6 by changing the saturation by 10% instead.



 D284F6

 D284F6

FFFFFF

 B56AD9

 FFBBFF

 9950BD

 FFD7FF

 7E36A2

 FFF4FF

 631B87

 48006D

 2E0054

 15003D

 000225

 00010E

 D284F6

 D284F6

 CA6BF6

 DA9DF6

 C253F6

 E2B5F6

 BB3AF6

 E9CEF6

 B322F6

 F1E6F6

 AB09F6

 F9FFF6

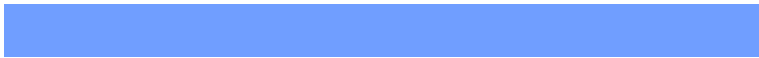
 A800F6

 FFFFF6

# Harmonies

## Analogous

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



709EFF



D284F6



FF6DC0

# Triad

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



D284F6



D79722



00C0C5

# Complementary

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



D284F6



A8F684

# 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.



00BE87



D284F6



A1AB1F

# Square

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



D284F6



FF7F4D



59B84C



00BCFB

# Rectangle

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



D284F6



FF6997



59B84C



00C0B1



# Sweetspot

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



D284F6



F4DBFF



84A8F6



796A80



000000



808080



# Same Dimension

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



D284F6



D270FF



F684E1



776E7A



7F00BA



28003B



# Inverse Universe

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



F684A8



FF709D



84F699



7A6E72



BA003B

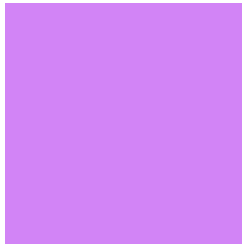


3B0013



# Previews

## White Background



This preview shows how the Hex color D284F6 looks on a white background.

## Color Contrast Check

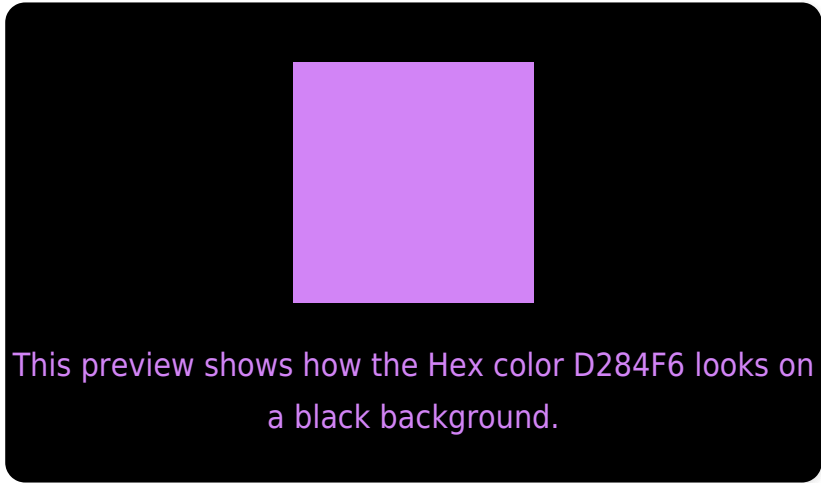
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

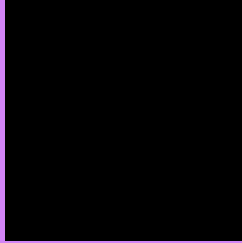
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D284F6 Background



This preview shows how black text looks on a background with the Hex color D284F6.

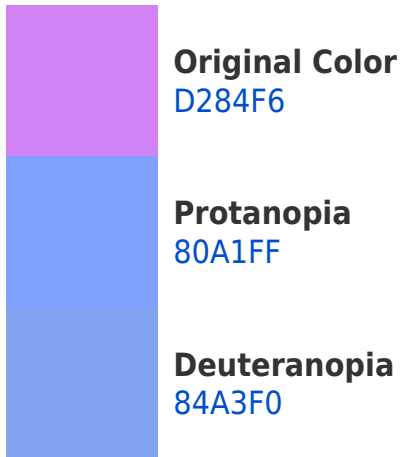


This preview shows how white text looks on a background with the Hex color D284F6.

# 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](#).

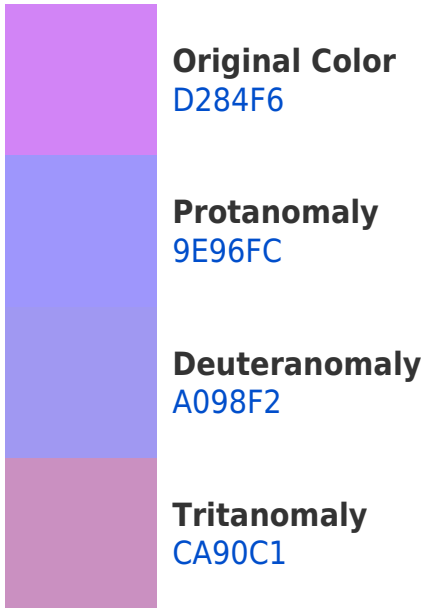
## Dichromacy



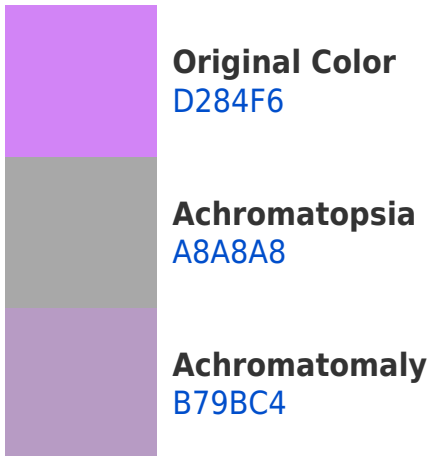


**Tritanopia**  
C597A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D284F6 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 #D284F6 looks like.

```
.text, #text, p{  
    color:#D284F6  
}
```

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 #D284F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D284F6
}
```

## Border

The CSS property to change the border of an element to Hex D284F6 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
#D284F6 }
```

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

```
.border{ border-color:#D284F6 }
```

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

Here you see how a box with a 4 pixel #D284F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D284F6; -webkit-box-shadow:4px 4px  
4px 4px #D284F6; box-shadow:4px 4px 4px  
4px #D284F6 }
```

# Background

The CSS property to change the background color of an element to Hex D284F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D284F6 }
```

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

```
.background{ background-color:#D284F6 }
```

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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