

# Converting Colors

Hex(D2788B)

Have a look what the booklet for  
Hex(D2788B) contains.

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# **Color**

**Hex(D2788B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2788B
RGB	210, 120, 139
RGB Percent	82%, 47%, 55%
CMY	0.1765, 0.5294, 0.4549
CMYK	0.00, 0.43, 0.34, 0.18
HSL	347°, 50%, 65%
HSV	347°, 43%, 82%
XYZ	37.9550, 28.9987, 28.0229
YIQ	149.0760, 47.5410, 24.9890

# Conversions

## Conversions Part 2

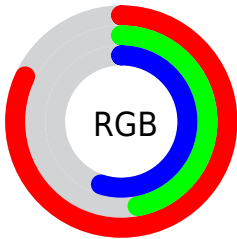
Format	Color
R <sub>Y</sub> B	210, 120, 139
Decimal	13793419
CIE Lab	60.78, 37.25, 5.16
CIE LCh	61, 37.603, 7.891
Yxy	28.9987, 0.3996, 0.3053
Android (android.graphics.Color)	4291983499 (0xFFD2788B)
YUV	149.0760, -4.9675, 53.4303
Hunter-Lab	53.8504, 31.5727, 6.8416

# Details

The Hex color **D2788B** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **78D2BF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAEC0**, and **994559** is the 20% darker color. If you saturate the color by 10%, you get **D2637A**, and if you desaturate by 10%, it is **D28D9C**.

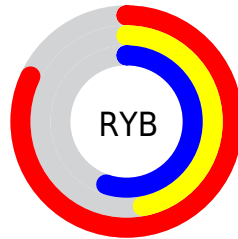
# Distribution



Red (82%)

Green (47%)

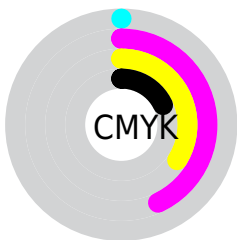
Blue (55%)



Red (82%)

Yellow (47%)

Blue (55%)

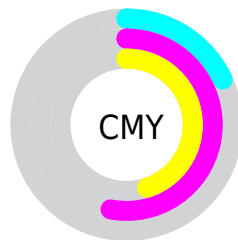


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2788B 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 D2788B by changing the saturation by 10% instead.



 D2788B

 D2788B

FFFFFF

 B55E72

 FFAEC0

 994559

 FFCADC

 7D2C42

 FFE6F9

 62112C

 480018

 310001

 000000

 D2788B

 D2788B

 D2637A

 D28D9C

 D24E6A

 D2A2AC

 D23959

 D2B7BD

 D22449

 D2CCCD

 D20F38

 D2E1DE

 D2002C

 D2F6EE

 D2FFFF

# Harmonies

## Analogous

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



C37CAC



D2788B



CF7D6B

# Triad

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



D2788B



7B9D5D



279DCF

# Complementary

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



D2788B



78D2BF

# 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.



00A2BA



D2788B



51A279

# Square

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



D2788B



9F9450



06A49B



6F93D4

# Rectangle

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



D2788B



C4845B



06A49B



009FCA



# Sweetspot

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



D2788B



FFDEE5



BF78D2



806B6F



000000



808080



# Same Dimension

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



D2788B



FF7D98



D29278



695E60



A80024



290009



# Inverse Universe

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



D2788B



FF7D98



78B8D2



695E60



A80024



290009



# Previews

## White Background



This preview shows how the Hex color D2788B looks on a white background.

## Color Contrast Check

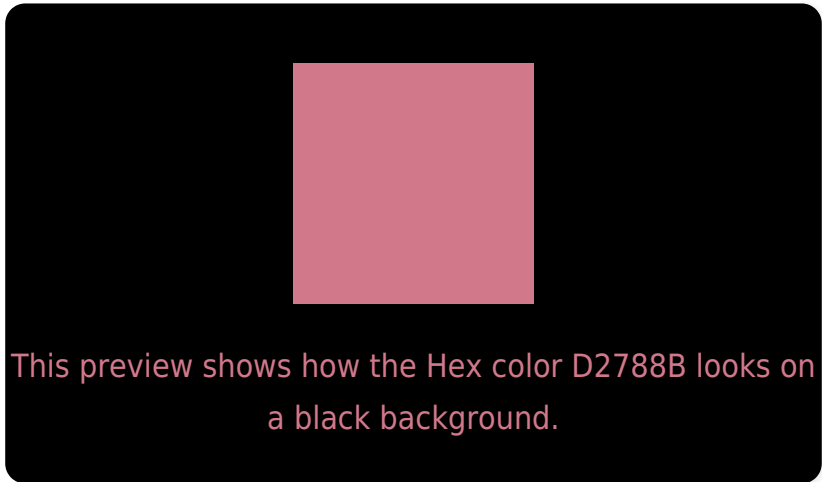
Large Text (above 18pt) WCAG AA ✓ Pass

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 D2788B Background



This preview shows how black text looks on a background with the Hex color D2788B.

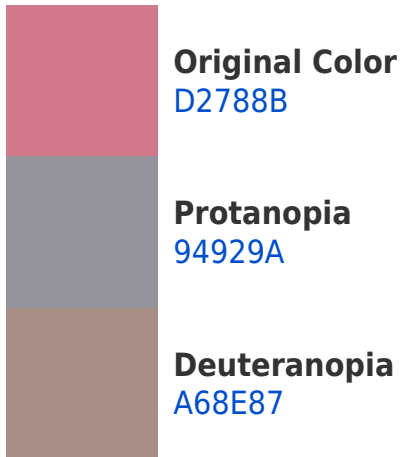



This preview shows how white text looks on a background with the Hex color D2788B.

# 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**  
D17982

# Trichromacy



**Original Color**  
D2788B

**Protanomaly**  
AB8995

**Deuteranomaly**  
B68688

**Tritanomaly**  
D17985

# Monochromacy



**Original Color**  
D2788B

**Achromatopsia**  
959595

**Achromatomaly**  
AB8A91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2788B 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 #D2788B looks like.

```
.text, #text, p{  
    color:#D2788B  
}
```

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 #D2788B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2788B
}
```

## Border

The CSS property to change the border of an element to Hex D2788B is called "border". The border property can be set on classes, ids or directly on the HTML element.

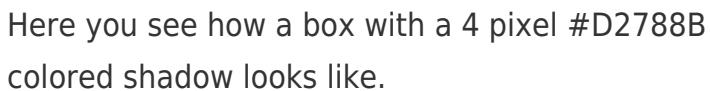
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D2788B }
```

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

```
.border{ border-color:#D2788B }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box.

Here you see how a box with a 4 pixel #D2788B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2788B; -webkit-box-shadow:4px 4px  
4px 4px #D2788B; box-shadow:4px 4px 4px  
4px #D2788B }
```

# Background

The CSS property to change the background color of an element to Hex D2788B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2788B }
```

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

```
.background{ background-color:#D2788B }
```

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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