

# Converting Colors

Hex(DFD2E5)

Have a look what the booklet for  
Hex(DFD2E5) contains.

<b>Hex(DFD2E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DFD2E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFD2E5
RGB	223, 210, 229
RGB Percent	87%, 82%, 90%
CMY	0.1255, 0.1765, 0.1020
CMYK	0.03, 0.08, 0.00, 0.10
HSL	281°, 27%, 86%
HSV	281°, 8%, 90%
XYZ	67.6209, 67.4383, 83.5816
YIQ	216.0530, 1.6490, 8.6650

# Conversions

## Conversions Part 2

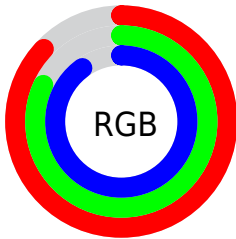
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 210, 229
Decimal	14668517
CIE Lab	85.72, 7.89, -7.74
CIE LCh	86, 11.050, 315.560
Yxy	67.4383, 0.3093, 0.3084
Android (android.graphics.Color)	4292858597 (0xFFDFD2E5)
YUV	216.0530, 6.3829, 6.0925
Hunter-Lab	82.1208, 3.2711, -2.8601

# Details

The Hex color **DFD2E5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8E5D2**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A89CAE** is the 20% darker color. If you saturate the color by 10%, you get **D8BBE5**, and if you desaturate by 10%, it is **E6E9E5**.

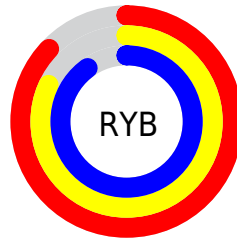
# Distribution



Red (87%)

Green (82%)

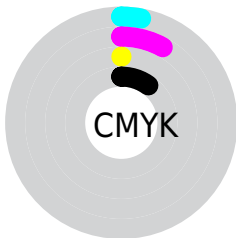
Blue (90%)



Red (87%)

Yellow (82%)

Blue (90%)

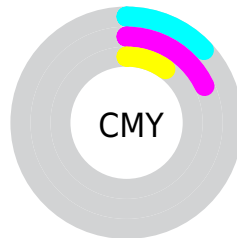


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (10%)



Cyan (13%)

Magenta (18%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFD2E5 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 DFD2E5 by changing the saturation by 10% instead.



DFD2E5

DFD2E5

FFFFFF

C3B6C9

A89CAE

8D8293

746879

5B5060

443949

2D2432

190F1D

000001

 DFD2E5

 DFD2E5

 D8BBE5

 E6E9E5

 D1A4E5

 EDFFE5

 C98DE5

 F5FFE5

 C276E5

 FCFFE5

 BB5FE5

 FFFFE5

 B449E5

 AC32E5

 A51BE5

 9E04E5

# Harmonies

## Analogous

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



D2D5EA



DFD2E5



E9D0DC

# Triad

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



DFD2E5



E4D4C2



BDDDBB

# Complementary

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



DFD2E5



D8E5D2

# 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.



C3DCD1



DFD2E5



D9D7C2

# Square

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



DFD2E5



EBD1C8



CDDAC7



BEDBE5

# Rectangle

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



DFD2E5



ECCFD5



CDDAC7



BEDDD8

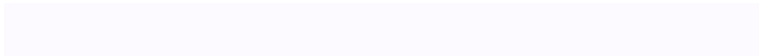


# Sweetspot

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



DFD2E5



FDFAFF



D2D8E5



7F7D80



000000



808080



# Same Dimension

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



DFD2E5



F7E6FF



E5D2E2



6F6773



7A00B3



230033



# Inverse Universe

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



E5D2D8



FFE6EE



D2E5D5



73676B



B30038

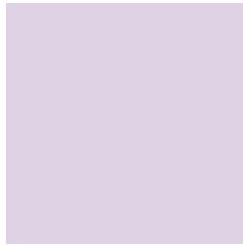


330010



# Previews

## White Background



This preview shows how the Hex color DFD2E5 looks on a white background.

## Color Contrast Check

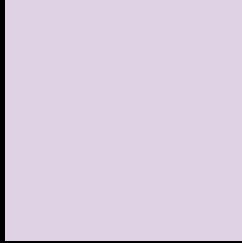
Large Text (above 18pt) WCAG AA × Fail

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 DFD2E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

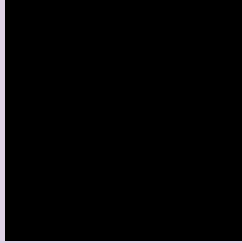
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

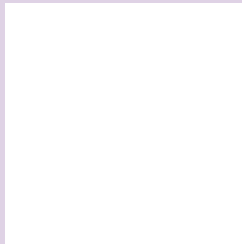
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFD2E5 Background



This preview shows how black text looks on a background with the Hex color DFD2E5.

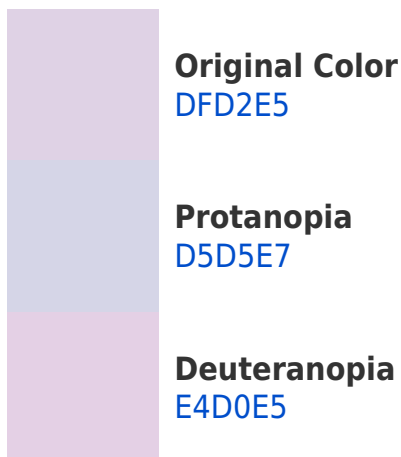


This preview shows how white text looks on a background with the Hex color DFD2E5.

# 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**  
DFD2E3

# Trichromacy



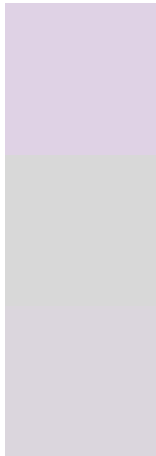
**Original Color**  
DFD2E5

**Protanomaly**  
D9D4E6

**Deuteranomaly**  
E2D1E5

**Tritanomaly**  
DFD2E4

# Monochromacy



**Original Color**  
DFD2E5

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
DBD6DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFD2E5 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 #DFD2E5 looks like.

```
.text, #text, p{  
    color:#DFD2E5  
}
```

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 #DFD2E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFD2E5
}
```

## Border

The CSS property to change the border of an element to Hex DFD2E5 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
#DFD2E5 }
```

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

```
.border{ border-color:#DFD2E5 }
```

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

Here you see how a box with a 4 pixel #DFD2E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFD2E5; -webkit-box-shadow:4px 4px  
4px 4px #DFD2E5; box-shadow:4px 4px 4px  
4px #DFD2E5 }
```

# Background

The CSS property to change the background color of an element to Hex DFD2E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFD2E5 }
```

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

```
.background{ background-color:#DFD2E5 }
```

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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