

# Converting Colors

Hex(DECCECF5)

Have a look what the booklet for  
Hex(DECCEF5) contains.

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# **Color**

**Hex(DECCE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DECCF5
RGB	222, 204, 245
RGB Percent	87%, 80%, 96%
CMY	0.1294, 0.2000, 0.0392
CMYK	0.09, 0.17, 0.00, 0.04
HSL	266°, 67%, 88%
HSV	266°, 17%, 96%
XYZ	68.1985, 65.3079, 95.3974
YIQ	214.0560, -2.4330, 16.5670

# Conversions

## Conversions Part 2

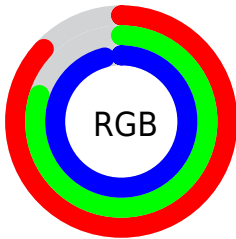
Format	Color
R <sub>Y</sub> B	222, 204, 245
Decimal	14601461
CIE Lab	84.64, 13.82, -17.86
CIE LCh	85, 22.581, 307.747
Yxy	65.3079, 0.2979, 0.2853
Android (android.graphics.Color)	4292791541 (0xFFDECCF5)
YUV	214.0560, 15.2554, 6.9669
Hunter-Lab	80.8133, 9.2132, -13.4206

# Details

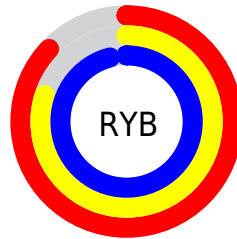
The Hex color **DECCF5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3F5CC**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **A796BD** is the 20% darker color. If you saturate the color by 10%, you get **D0B4F5**, and if you desaturate by 10%, it is **ECE5F5**.

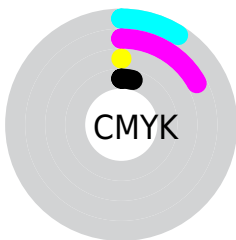
# Distribution



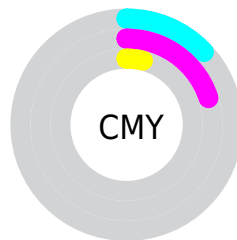
- Red (87%)
- Green (80%)
- Blue (96%)



- Red (87%)
- Yellow (80%)
- Blue (96%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (20%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DECCF5 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 DECCF5 by changing the saturation by 10% instead.



 DECCF5

 DECCF5

FFFFFF

 C2B1D9

 A796BD

 8C7CA2

 726387

 5A4B6E

 423455

 2B1F3E

 170828

 000113

 DECCF5

 DECCF5

 D0B4F5

 ECE5F5

 C39BF5

 F9FDF5

 B583F5

 FFFFF5

 A76AF5

 9952F5

 8C39F5

 7E20F5

 7008F5

 6C00F5

# Harmonies

## Analogous

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



C2D3FD



DECCF5



F4C6E4

# Triad

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



DECCF5



F2CDAC



9DE0D8

# Complementary

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



DECCF5



E3F5CC

# 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.



AFDEC2



DECCF5



DED4A9

# Square

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



DECCF5



FEC7BA



C6DAB1



9ADEED

# Rectangle

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



DECCF5



FDC4D6



C6DAB1



A2E0D1



# Sweetspot

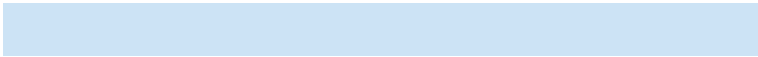
The Sweet Spot groups the original color and five complimentary colors.



DECCF5



F8F2FF



CCE3F5



7B7880



000000



808080



# Same Dimension

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



DECCF5



E2CCFF



F2CCF5



746E7A



5200BA



1A003B



# Inverse Universe

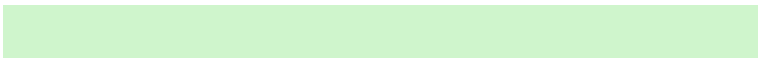
The Inverse Universe completely reimagines the original color for something new.



F5CCE3



FFCCE9



CFF5CC



7A6E75



BA0068

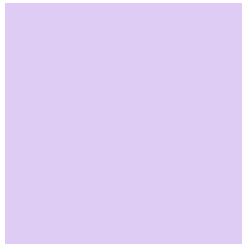


3B0021



# Previews

## White Background



This preview shows how the Hex color DECCF5 looks on a white background.

## Color Contrast Check

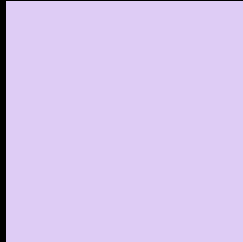
Large Text (above 18pt) WCAG AA × Fail

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 DECCF5 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 DECCF5 Background



This preview shows how black text looks on a background with the Hex color DECCF5.

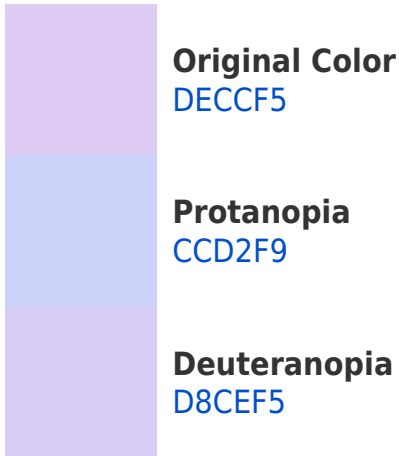


This preview shows how white text looks on a background with the Hex color DECCF5.

# 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**  
DBD0E0

# Trichromacy



**Original Color**  
DECCF5

**Protanomaly**  
D3D0F8

**Deuteranomaly**  
DACDF5

**Tritanomaly**  
DCCFE8

# Monochromacy



**Original Color**  
DECCF5

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
D9D2E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DECCF5 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 #DECCF5 looks like.

```
.text, #text, p{  
    color:#DECCF5  
}
```

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 #DECCF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DECCF5
}
```

## Border

The CSS property to change the border of an element to Hex DECCF5 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
#DECCF5 }
```

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

```
.border{ border-color:#DECCF5 }
```

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

Here you see how a box with a 4 pixel #DECCF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DECCF5; -webkit-box-shadow:4px 4px  
4px 4px #DECCF5; box-shadow:4px 4px 4px  
4px #DECCF5 }
```

# Background

The CSS property to change the background color of an element to Hex DECCF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DECCF5 }
```

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

```
.background{ background-color:#DECCF5 }
```

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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