

# Converting Colors

Hex(DD6BED)

Have a look what the booklet for  
Hex(DD6BED) contains.

<b>Hex(DD6BED)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(DD6BED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD6BED
RGB	221, 107, 237
RGB Percent	87%, 42%, 93%
CMY	0.1333, 0.5804, 0.0706
CMYK	0.07, 0.55, 0.00, 0.07
HSL	293°, 78%, 67%
HSV	293°, 55%, 93%
XYZ	50.3626, 32.0020, 83.6434
YIQ	155.9060, 26.2140, 64.5980

# Conversions

## Conversions Part 2

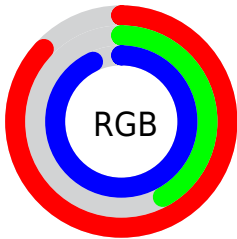
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 107, 237
Decimal	14511085
CIE <sub>Lab</sub>	63.34, 62.60, -46.37
CIE <sub>LCh</sub>	63, 77.901, 323.471
Yxy	32.0020, 0.3034, 0.1928
Android (android.graphics.Color)	4292701165 (0xFFDD6BED)
YUV	155.9060, 39.9793, 57.0874
Hunter-Lab	56.5703, 59.9143, -48.0655

# Details

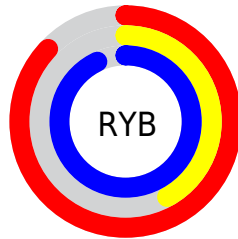
The Hex color **DD6BED** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **7BED6B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA3FF**, and **A332B5** is the 20% darker color. If you saturate the color by 10%, you get **DA53ED**, and if you desaturate by 10%, it is **E083ED**.

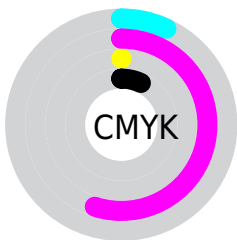
# Distribution



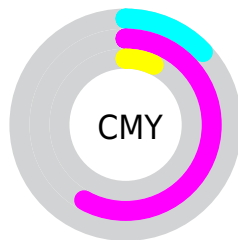
- Red (87%)
- Green (42%)
- Blue (93%)



- Red (87%)
- Yellow (42%)
- Blue (93%)



- Cyan (7%)
- Magenta (55%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (58%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD6BED 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 DD6BED by changing the saturation by 10% instead.



 DD6BED

 DD6BED

FFFFFF

 C04FD0

 FFA3FF

 A332B5

 FFBFFF

 870C99

 FFDCCF

 6B007F

 FFFAFF

 500065

 36004D

 1A0035

 00021E

 000001

 DD6BED

 DD6BED

 DA53ED

 E083ED

 D73CED

 E39AED

 D424ED

 E6B2ED

 D10CED

 E9CAED

 D000ED

 ECE2ED

 EFF9ED

 F1FFED

 F4FFED

 F7FFED

# Harmonies

## Analogous

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



748EFF



DD6BED



FF4DAC

# Triad

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



DD6BED



C59100



00B8CF

# Complementary

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



DD6BED



7BED6B

# 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.



00B787



DD6BED



84A600

# Square

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



DD6BED



F67325



00B23F



00B4FF

# Rectangle

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



DD6BED



FF4C7D



00B23F



00B9B8



# Sweetspot

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



DD6BED



FAD6FF



6B7CED



7D6780



000000



808080



# Same Dimension

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



DD6BED



EA57FF



ED6BBD



746A75



9F00B5



2F0036



# Inverse Universe

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



ED6B7B



FF576B



6BED9B



756A6B



B50016

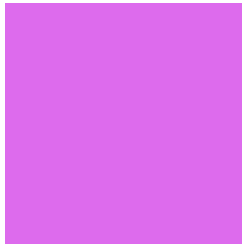


360007



# Previews

## White Background



This preview shows how the Hex color DD6BED looks on a white background.

## Color Contrast Check

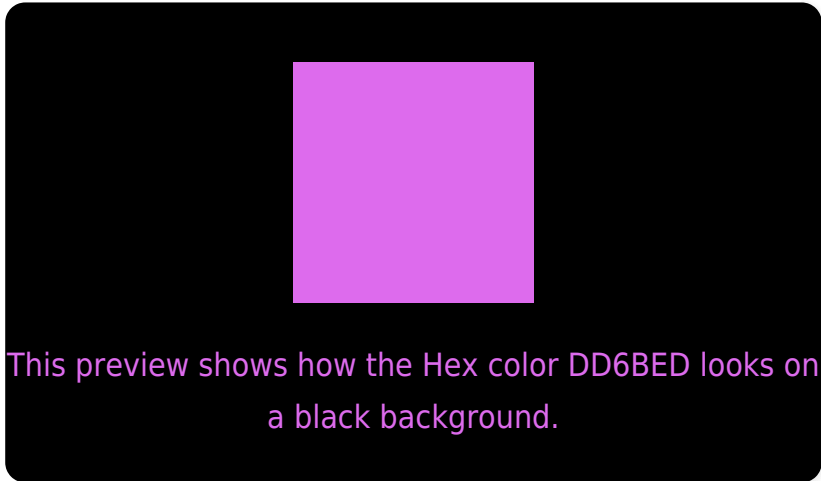
Large Text (above 18pt) WCAG AA × Fail

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

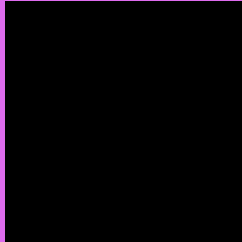
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD6BED Background



This preview shows how black text looks on a background with the Hex color DD6BED.

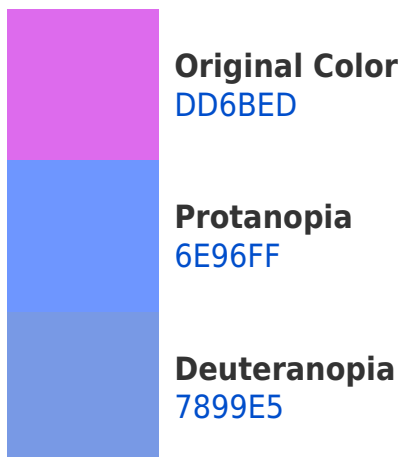


This preview shows how white text looks on a background with the Hex color DD6BED.

# 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**  
D0848E

# Trichromacy



**Original Color**  
DD6BED



**Protanomaly**  
9686F8



**Deuteranomaly**  
9D88E8



**Tritanomaly**  
D57BB1

# Monochromacy



**Original Color**  
DD6BED



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
B48AB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD6BED 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 #DD6BED looks like.

```
.text, #text, p{  
    color:#DD6BED  
}
```

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 #DD6BED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD6BED
}
```

## Border

The CSS property to change the border of an element to Hex DD6BED 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
#DD6BED }
```

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

```
.border{ border-color:#DD6BED }
```

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

Here you see how a box with a 4 pixel #DD6BED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD6BED; -webkit-box-shadow:4px 4px  
4px 4px #DD6BED; box-shadow:4px 4px 4px  
4px #DD6BED }
```

# Background

The CSS property to change the background color of an element to Hex DD6BED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD6BED }
```

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

```
.background{ background-color:#DD6BED }
```

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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