

# Converting Colors

Hex(DC6EB3)

Have a look what the booklet for  
Hex(DC6EB3) contains.

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# Color

**Hex(DC6EB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC6EB3
RGB	220, 110, 179
RGB Percent	86%, 43%, 70%
CMY	0.1373, 0.5686, 0.2980
CMYK	0.00, 0.50, 0.19, 0.14
HSL	322°, 61%, 65%
HSV	322°, 50%, 86%
XYZ	43.2278, 29.6222, 46.0871
YIQ	150.7560, 43.4110, 44.7790

# Conversions

## Conversions Part 2

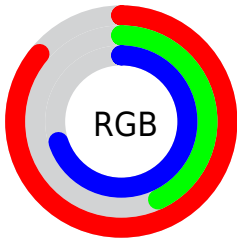
Format	Color
<a href="#">RYB</a>	<a href="#">220, 110, 179</a>
Decimal	<a href="#">14446259</a>
CIELab	<a href="#">61.33, 51.21, -16.84</a>
CIElCh	<a href="#">61, 53.907, 341.793</a>
Yxy	<a href="#">29.6222, 0.3635, 0.2491</a>
Android (android.graphics.Color)	<a href="#">4292636339 (0xFFDC6EB3)</a>
YUV	<a href="#">150.7560, 13.9243, 60.7270</a>
Hunter-Lab	<a href="#">54.4263, 46.5269, -12.1073</a>

# Details

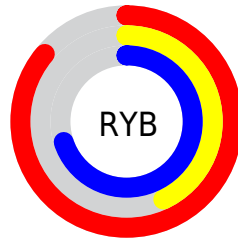
The Hex color **DC6EB3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EDC97**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA5EB**, and **A2387E** is the 20% darker color. If you saturate the color by 10%, you get **DC58AB**, and if you desaturate by 10%, it is **DC84BB**.

# Distribution



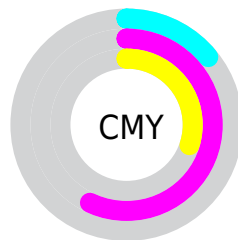
- Red (86%)
- Green (43%)
- Blue (70%)



- Red (86%)
- Yellow (43%)
- Blue (70%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (57%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC6EB3 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 DC6EB3 by changing the saturation by 10% instead.



 DC6EB3

 DC6EB3

FFFFFF

 BF5398

 FFA5EB

 A2387E

 FFC1FF

 871A65

 FFDEFF

 6B004D

 FFFBFF

 500036

 380021

 1A0005

 000000

 DC6EB3

 DC6EB3

■ DC58AB

■ DC84BB

■ DC42A3

■ DC9AC3

■ DC2C9A

■ DCB0CC

■ DC1692

■ DCC6D4

■ DC008A

■ DCDCDC

■ DCF2E4

■ DCF FEC

■ DCFFF5

■ DCFFFD

# Harmonies

## Analogous

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



AF80DC



DC6EB3



EC6983

# Triad

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



DC6EB3



9C982F



00A9D2

# Complementary

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



DC6EB3



6EDC97

# 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.



00ACA6



DC6EB3



68A349

# Square

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



DC6EB3



C68736



00A975



00A1EE

# Rectangle

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



DC6EB3



E87065



00A975



00AAC5



# Sweetspot

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



DC6EB3



FFD9F1



966EDC



806977



000000



808080



# Same Dimension

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



DC6EB3



FF66C6



DC6E7D



6E636A



AD006D



2E001D



# Inverse Universe

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



DC6EB3



FF66C6



6EDCCD



6E636A



AD006D



2E001D



# Previews

## White Background



This preview shows how the Hex color DC6EB3 looks on a white background.

## Color Contrast Check

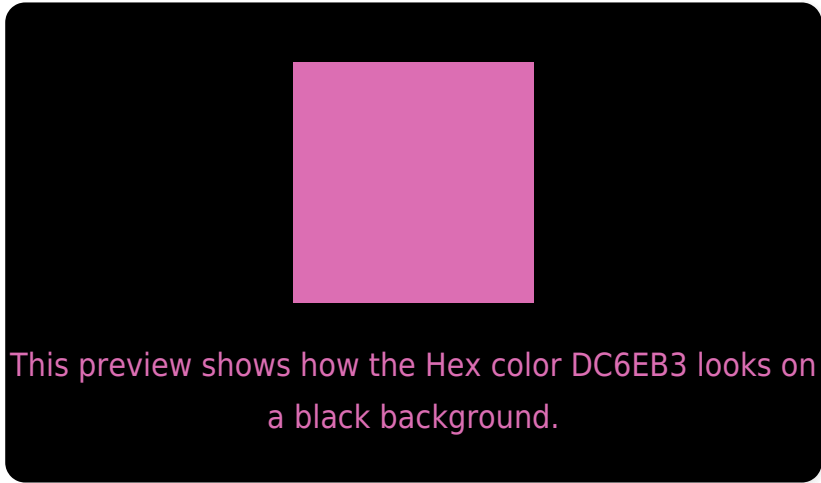
Large Text (above 18pt) WCAG AA ✓ Pass

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

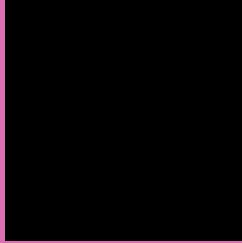
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DC6EB3 Background



This preview shows how black text looks on a background with the Hex color DC6EB3.

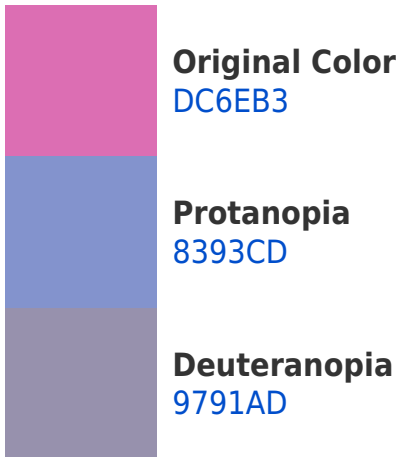


This preview shows how white text looks on a background with the Hex color DC6EB3.

# 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**  
D77981

# Trichromacy



**Original Color**  
DC6EB3



**Protanomaly**  
A386C4



**Deuteranomaly**  
B084AF

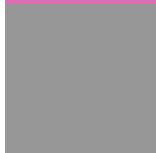


**Tritanomaly**  
D97593

# Monochromacy



**Original Color**  
DC6EB3



**Achromatopsia**  
979797



**Achromatomaly**  
B088A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC6EB3 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 #DC6EB3 looks like.

```
.text, #text, p{  
    color:#DC6EB3  
}
```

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 #DC6EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6EB3
}
```

## Border

The CSS property to change the border of an element to Hex DC6EB3 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
#DC6EB3 }
```

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

```
.border{ border-color:#DC6EB3 }
```

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

Here you see how a box with a 4 pixel #DC6EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6EB3; -webkit-box-shadow:4px 4px  
4px 4px #DC6EB3; box-shadow:4px 4px 4px  
4px #DC6EB3 }
```

# Background

The CSS property to change the background color of an element to Hex DC6EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6EB3 }
```

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

```
.background{ background-color:#DC6EB3 }
```

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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