

Converting Colors

Hex(DC75D3)

Have a look what the booklet for
Hex(DC75D3) contains.

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Color

Hex(DC75D3)

Conversions

Conversions Part 1

Format	Color
Hex	DC75D3
RGB	220, 117, 211
RGB Percent	86%, 46%, 83%
CMY	0.1373, 0.5412, 0.1725
CMYK	0.00, 0.47, 0.04, 0.14
HSL	305°, 60%, 66%
HSV	305°, 47%, 86%
XYZ	47.6344, 32.6414, 65.4178
YIQ	158.5130, 31.2140, 51.0700

Conversions

Conversions Part 2

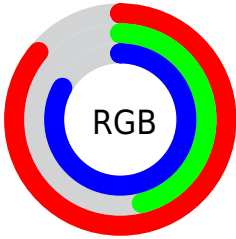
Format	Color
R _Y B	220, 117, 211
Decimal	14448083
CIE Lab	63.87, 52.89, -31.06
CIE LCh	64, 61.337, 329.581
Yxy	32.6414, 0.3269, 0.2240
Android (android.graphics.Color)	4292638163 (0xFFDC75D3)
YUV	158.5130, 25.8761, 53.9241
Hunter-Lab	57.1326, 48.8424, -27.8952

Details

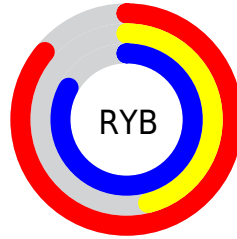
The Hex color **DC75D3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75DC7E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFACFF**, and **A33F9C** is the 20% darker color. If you saturate the color by 10%, you get **DC5FD1**, and if you desaturate by 10%, it is **DC8BD5**.

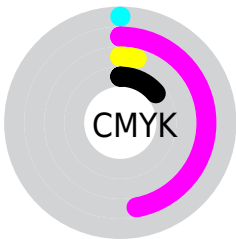
Distribution



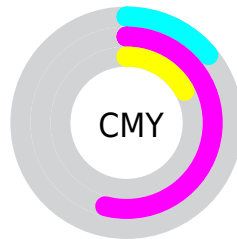
- Red (86%)
- Green (46%)
- Blue (83%)



- Red (86%)
- Yellow (46%)
- Blue (83%)



- Cyan (0%)
- Magenta (47%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (54%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC75D3 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 DC75D3 by changing the saturation by 10% instead.

 DC75D3

 DC75D3

FFFFFF

 BF5AB7

 FFACFF

 A33F9C

 FFC8FF

 872382

 FFE5FF

 6C0068

 510050

 380039

 1F0022

 000008

 000000

 DC75D3

 DC75D3

 DC5FD1

 DC8BD5

 DC49CF

 DCA1D7

 DC33CD

 DCB7D9

 DC1DCB

 DCCDDB

 DC07C9

 DCE3DD

 DC00C9

 DCF9DF

 DCFFE0

 DCFFE2

 DCFFE4

Harmonies

Analogous

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



998DFA



DC75D3



FB679E

Triad

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



DC75D3



B89821



00B4CF

Complementary

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



DC75D3



75DC7E

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.



00B598



DC75D3



81A733

Square

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



DC75D3



E2833B



2CB061



00AEF8

Rectangle

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



DC75D3



FE6979



2CB061



00B5BE

Sweetspot

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



DC75D3



FFDBFC



7E75DC



806A7E



000000



808080

Same Dimension

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



DC75D3



FF70F3



DC75A0



6E636D



AD009E



2E002A

Inverse Universe

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



DC75D3



FF70F3



75DCB1



6E636D



AD009E



2E002A

Previews

White Background



This preview shows how the Hex color DC75D3 looks on a white background.

Color Contrast Check

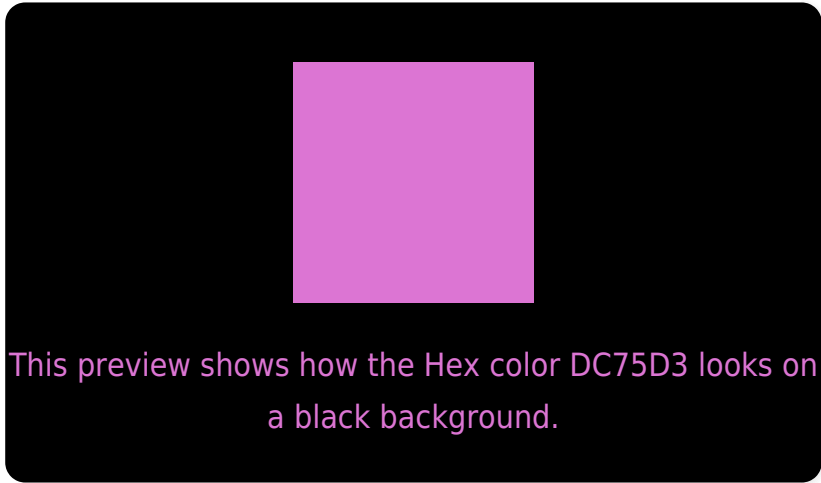
Large Text (above 18pt) WCAG AA × Fail

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

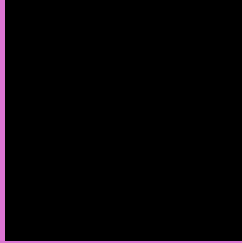
Any Text WCAG AA ✓ Pass

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 DC75D3 Background



This preview shows how black text looks on a background with the Hex color DC75D3.

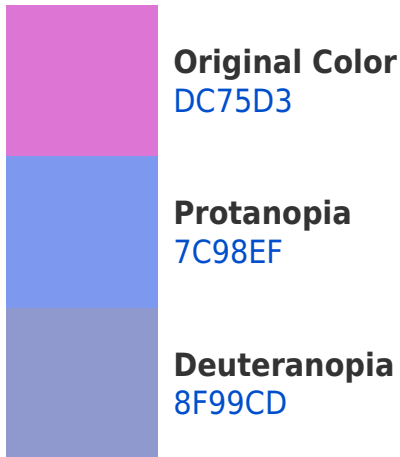



This preview shows how white text looks on a background with the Hex color DC75D3.

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](#).

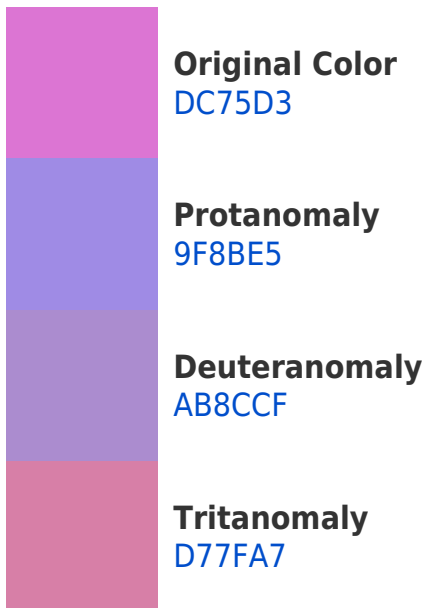
Dichromacy





Tritanopia
D4858E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC75D3 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 #DC75D3 looks like.

```
.text, #text, p{  
    color:#DC75D3  
}
```

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 #DC75D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC75D3
}
```

Border

The CSS property to change the border of an element to Hex DC75D3 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
#DC75D3 }
```

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

```
.border{ border-color:#DC75D3 }
```

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

Here you see how a box with a 4 pixel #DC75D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC75D3; -webkit-box-shadow:4px 4px  
4px 4px #DC75D3; box-shadow:4px 4px 4px  
4px #DC75D3 }
```

Background

The CSS property to change the background color of an element to Hex DC75D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC75D3 }
```

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

```
.background{ background-color:#DC75D3 }
```

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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