

Converting Colors

Hex(DC76B6)

Have a look what the booklet for
Hex(DC76B6) contains.

Hex(DC76B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DC76B6)

Conversions

Conversions Part 1

Format	Color
Hex	DC76B6
RGB	220, 118, 182
RGB Percent	86%, 46%, 71%
CMY	0.1373, 0.5373, 0.2863
CMYK	0.00, 0.46, 0.17, 0.14
HSL	322°, 59%, 66%
HSV	322°, 46%, 86%
XYZ	44.4371, 31.5499, 48.0036
YIQ	155.7940, 40.2480, 41.5280

Conversions

Conversions Part 2

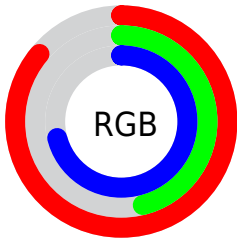
Format	Color
RYB	220, 118, 182
Decimal	14448310
CIELab	62.97, 47.68, -16.07
CIElCh	63, 50.316, 341.380
Yxy	31.5499, 0.3584, 0.2545
Android (android.graphics.Color)	4292638390 (0xFFDC76B6)
YUV	155.7940, 12.9196, 56.3087
Hunter-Lab	56.1693, 42.9201, -11.3521

Details

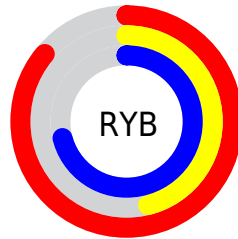
The Hex color **DC76B6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76DC9C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFADEE**, and **A34181** is the 20% darker color. If you saturate the color by 10%, you get **DC60AE**, and if you desaturate by 10%, it is **DC8CBE**.

Distribution



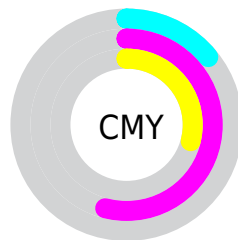
- Red (86%)
- Green (46%)
- Blue (71%)



- Red (86%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC76B6 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 DC76B6 by changing the saturation by 10% instead.

 DC76B6

 DC76B6

FFFFFF

 BF5B9B

 FFADEE

 A34181

 FFC9FF

 872668

 FFE6FF

 6C0250

 510039

 390023

 1D000A

 000000

 DC76B6

 DC76B6

 DC60AE

 DC8CBE

 DC4AA6

 DCA2C6

 DC349D

 DCB8CF

 DC1E95

 DCCED7

 DC088D

 DCE4DF

 DC008A

 DCFAE7

 DCFFE7

 DCFFF8

 DCFFFF

Harmonies

Analogous

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



B286DC



DC76B6



EC7289

Triad

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



DC76B6



A29B3C



00ACD2

Complementary

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



DC76B6



76DC9C

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.



00AFA9



DC76B6



71A652

Square

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



DC76B6



C98C42



21AD7A



00A5ED

Rectangle

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



DC76B6



E9776C



21AD7A



00AEC6

Sweetspot

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



DC76B6



FFDBF2



9B76DC



806A77



000000



808080

Same Dimension

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



DC76B6



FF70CA



DC7684



6E636A



AD006D



2E001D

Inverse Universe

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



DC76B6



FF70CA



76DCCE



6E636A



AD006D



2E001D

Previews

White Background



This preview shows how the Hex color DC76B6 looks on a white background.

Color Contrast Check

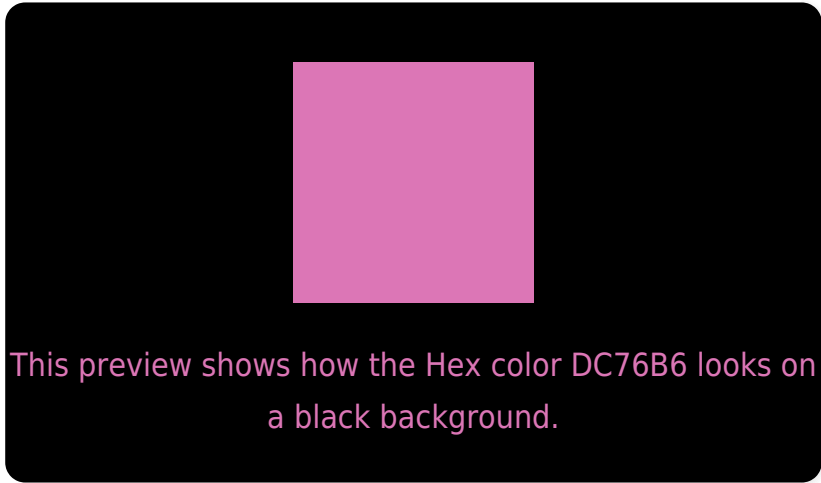
Large Text (above 18pt) WCAG AA × Fail

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 DC76B6 Background



This preview shows how black text looks on a background with the Hex color DC76B6.

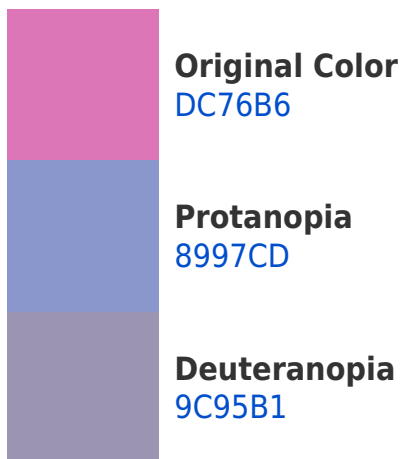


This preview shows how white text looks on a background with the Hex color DC76B6.

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
D77F89

Trichromacy



Original Color
DC76B6



Protanomaly
A78BC5



Deuteranomaly
B38AB3

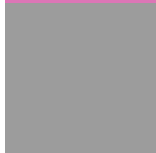


Tritanomaly
D97C99

Monochromacy



Original Color
DC76B6



Achromatopsia
9C9C9C



Achromatomaly
B38EA5

CSS Examples

Text

The CSS property to change the color of the text to Hex DC76B6 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 #DC76B6 looks like.

```
.text, #text, p{  
    color:#DC76B6  
}
```

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 #DC76B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC76B6
}
```

Border

The CSS property to change the border of an element to Hex DC76B6 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
#DC76B6 }
```

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

```
.border{ border-color:#DC76B6 }
```

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

Here you see how a box with a 4 pixel #DC76B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC76B6; -webkit-box-shadow:4px 4px  
4px 4px #DC76B6; box-shadow:4px 4px 4px  
4px #DC76B6 }
```

Background

The CSS property to change the background color of an element to Hex DC76B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC76B6 }
```

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

```
.background{ background-color:#DC76B6 }
```

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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