

# Converting Colors

Hex(8DC7E2)

Have a look what the booklet for  
Hex(8DC7E2) contains.

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# **Color**

**Hex(8DC7E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC7E2
RGB	141, 199, 226
RGB Percent	55%, 78%, 89%
CMY	0.4471, 0.2196, 0.1137
CMYK	0.38, 0.12, 0.00, 0.11
HSL	199°, 59%, 72%
HSV	199°, 38%, 89%
XYZ	45.1354, 52.0006, 79.6097
YIQ	184.7360, -43.2350, -3.8990

# Conversions

## Conversions Part 2

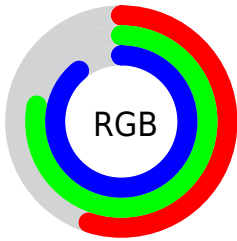
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 175, 226</a>
Decimal	<a href="#">9291746</a>
<a href="#">CIELab</a>	<a href="#">77.28, -11.99, -19.35</a>
<a href="#">CIElCh</a>	<a href="#">77, 22.759, 238.221</a>
<a href="#">Yxy</a>	<a href="#">52.0006, 0.2554, 0.2942</a>
Android (android.graphics.Color)	<a href="#">4287481826</a> ( <a href="#">0xFF8DC7E2</a> )
<a href="#">YUV</a>	<a href="#">184.7360, 20.3432, -38.3565</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.1114, -14.4697, -14.9771</a>

# Details

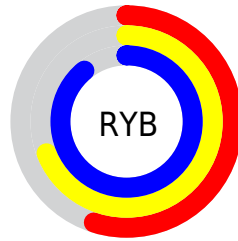
The Hex color **8DC7E2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2A88D**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C5FFFF**, and **5691AB** is the 20% darker color. If you saturate the color by 10%, you get **76C0E2**, and if you desaturate by 10%, it is **A4CEE2**.

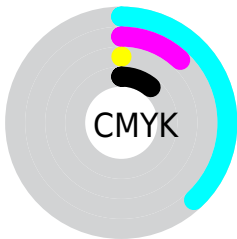
# Distribution



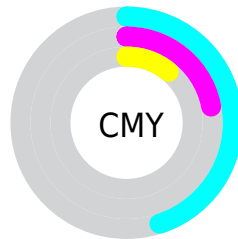
- Red (55%)
- Green (78%)
- Blue (89%)



- Red (55%)
- Yellow (69%)
- Blue (89%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (22%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC7E2 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 8DC7E2 by changing the saturation by 10% instead.



■ 8DC7E2

FFFFFF

■ C5FFFF

■ E2FFFF

■ 8DC7E2

■ 72ACC6

■ 5691AB

■ 3B7790

■ 1C5F76

■ 00475E

■ 003046

■ 001C2F

■ 00011B

■ 000000

8DC7E2

8DC7E2

76C0E2

A4CEE2

60B9E2

BAD5E2

49B1E2

D1DDE2

33AAE2

E7E4E2

1CA3E2

FEEBE2

059CE2

FFF2E2

009AE2

FFF9E2

FFFFE2

# Harmonies

## Analogous

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



84CAD2



8DC7E2



A5C1E9

# Triad

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



8DC7E2



E8B0C1



B9C499

# Complementary

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



8DC7E2



E2A88D

# 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.



D0BD95



8DC7E2



EAB1AC

# Square

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



8DC7E2



D9B3D5



E2B69C



A1C9A8

# Rectangle

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



8DC7E2



B8BCE7



E2B69C



C1C297

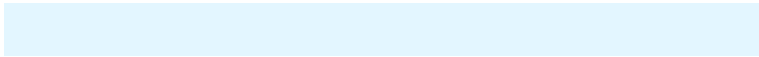


# Sweetspot

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



8DC7E2



E3F6FF



8DE2A8



6F7A80



000000



808080

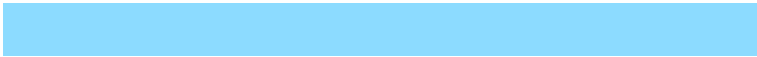


# Same Dimension

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



8DC7E2



8CDBFF



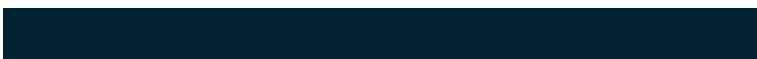
8D9DE2



656D70



0078B0



002130



# Inverse Universe

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



E28DC7



FF8CDB



E2D28D



70656D



B00078

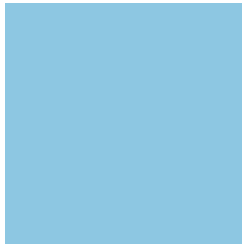


300021



# Previews

## White Background



This preview shows how the Hex color 8DC7E2 looks on a white background.

## Color Contrast Check

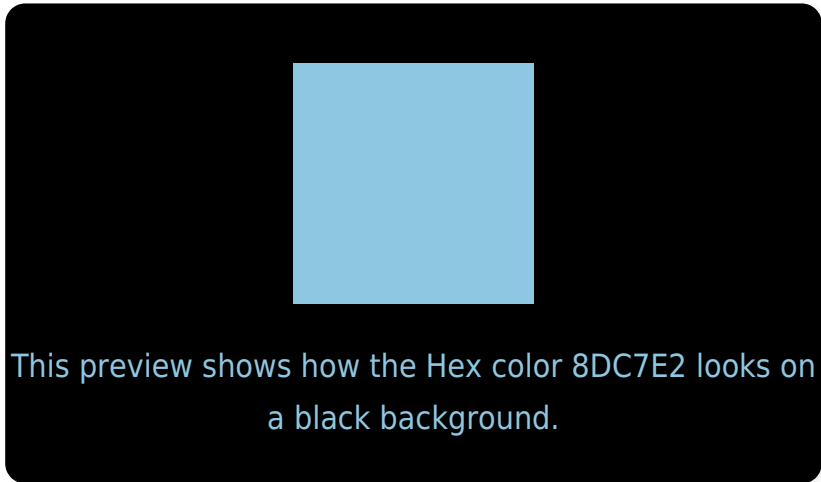
Large Text (above 18pt) WCAG AA × Fail

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

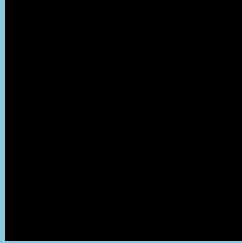
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DC7E2 Background



This preview shows how black text looks on a background with the Hex color 8DC7E2.

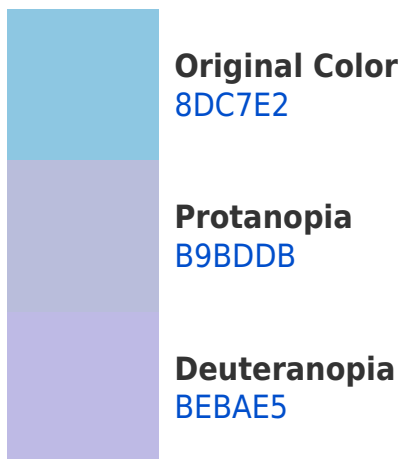


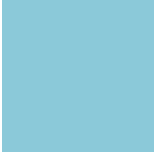
This preview shows how white text looks on a background with the Hex color 8DC7E2.

# 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](#).

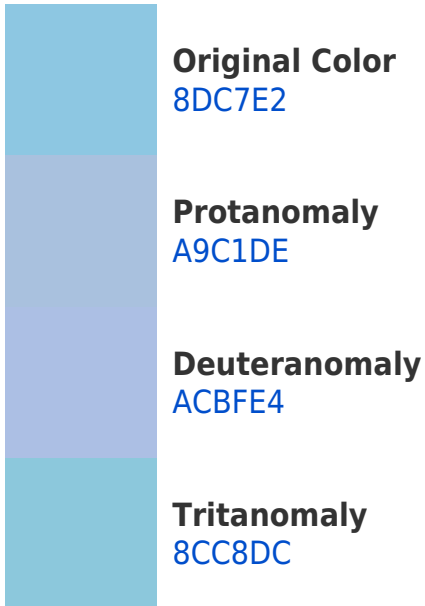
## Dichromacy



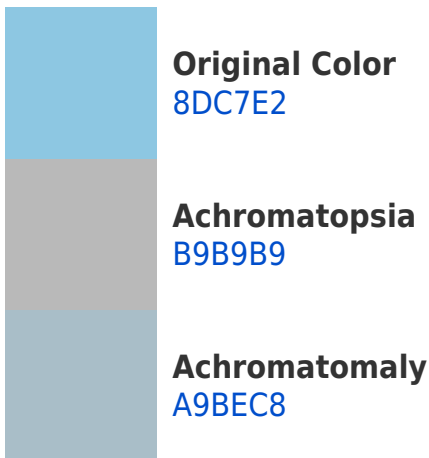


**Tritanopia**  
8BC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC7E2 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 #8DC7E2 looks like.

```
.text, #text, p{  
    color:#8DC7E2  
}
```

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 #8DC7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC7E2
}
```

## Border

The CSS property to change the border of an element to Hex 8DC7E2 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
#8DC7E2 }
```

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

```
.border{ border-color:#8DC7E2 }
```

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

Here you see how a box with a 4 pixel #8DC7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC7E2; -webkit-box-shadow:4px 4px  
4px 4px #8DC7E2; box-shadow:4px 4px 4px  
4px #8DC7E2 }
```

# Background

The CSS property to change the background color of an element to Hex 8DC7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC7E2 }
```

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

```
.background{ background-color:#8DC7E2 }
```

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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