

# Converting Colors

Hex(82DDA2)

Have a look what the booklet for  
Hex(82DDA2) contains.

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# **Color**

**Hex(82DDA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82DDA2
RGB	130, 221, 162
RGB Percent	51%, 87%, 64%
CMY	0.4902, 0.1333, 0.3647
CMYK	0.41, 0.00, 0.27, 0.13
HSL	141°, 57%, 69%
HSV	141°, 41%, 87%
XYZ	41.5840, 59.0674, 43.3919
YIQ	187.0650, -35.2970, -37.6410

# Conversions

## Conversions Part 2

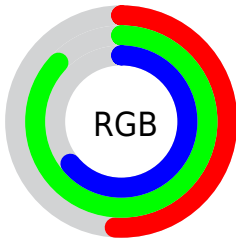
Format	Color
<a href="#">RYB</a>	<a href="#">130, 197, 221</a>
Decimal	<a href="#">8576418</a>
CIELab	<a href="#">81.33, -39.94, 20.63</a>
CIELCh	<a href="#">81, 44.956, 152.686</a>
Yxy	<a href="#">59.0674, 0.2887, 0.4101</a>
Android (android.graphics.Color)	<a href="#">4286766498</a> ( <a href="#">0xFF82DDA2</a> )
YUV	<a href="#">187.0650, -12.3570, -50.0460</a>
Hunter-Lab	<a href="#">76.8553, -37.9161, 20.3241</a>

# Details

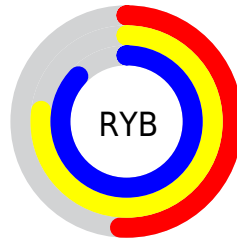
The Hex color **82DDA2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD82BD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BAFFD9**, and **4BA56E** is the 20% darker color. If you saturate the color by 10%, you get **6CDD94**, and if you desaturate by 10%, it is **98DDB0**.

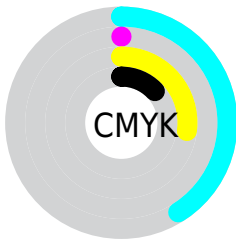
# Distribution



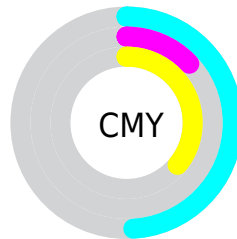
- Red (51%)
- Green (87%)
- Blue (64%)



- Red (51%)
- Yellow (77%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82DDA2 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 82DDA2 by changing the saturation by 10% instead.



 82DDA2

 82DDA2

FFFFFF

 66C188

 BAFFD9

 4BA56E

 D7FFF6

 2D8B55

 F4FFFF

 03713E

 005727

 003F12

 002900

 000900

 000000

 82DDA2

 82DDA2

 6CDD94

 98DDB0

 56DD85

 AEDDBF

 40DD77

 C4DDCD

 2ADD69

 DADDDDB

 13DD5A

 F1DDEA

 00DD4E

 FFDDF8

 FFDDFF

# Harmonies

## Analogous

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



B5D582



82DDA2



42E0CD

# Triad

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



82DDA2



92CDFE



FFAD9F

# Complementary

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



82DDA2



DD82BD

# 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.



FFA9C8



82DDA2



D4BEFF

# Square

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



82DDA2



3ED9FF



FFAFF1



FFBA80

# Rectangle

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



82DDA2



00E0E9



FFAFF1



FFABAC

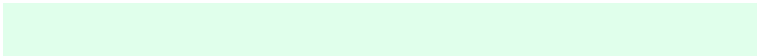


# Sweetspot

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



82DDA2



E0FFEB



BDDD82



6E8074



000000



808080



# Same Dimension

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



82DDA2



82FFAE



82DDCF



636E67



00AD3D



002E10



# Inverse Universe

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



DD82BD



FF82D3



DD8290



6E636A



AD0070



2E001E



# Previews

## White Background



This preview shows how the Hex color 82DDA2 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



This preview shows how the Hex color 82DDA2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

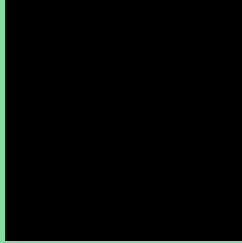
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82DDA2 Background



This preview shows how black text looks on a background with the Hex color 82DDA2.

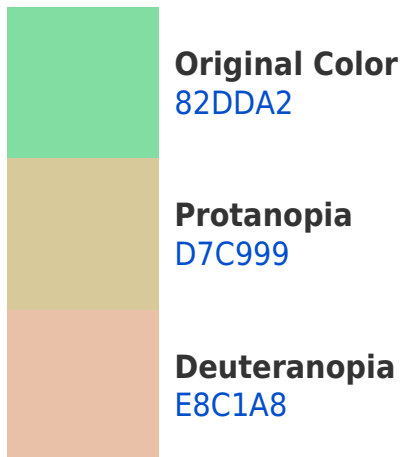


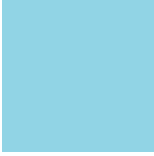
This preview shows how white text looks on a background with the Hex color 82DDA2.

# 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**  
91D4E5

# Trichromacy



**Original Color**  
82DDA2



**Protanomaly**  
B8D09C



**Deuteranomaly**  
C3CBA6



**Tritanomaly**  
8CD7CD

# Monochromacy



**Original Color**  
82DDA2



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A6C7B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82DDA2 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 #82DDA2 looks like.

```
.text, #text, p{  
    color:#82DDA2  
}
```

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 #82DDA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DDA2
}
```

## Border

The CSS property to change the border of an element to Hex 82DDA2 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
#82DDA2 }
```

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

```
.border{ border-color:#82DDA2 }
```

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

Here you see how a box with a 4 pixel #82DDA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DDA2; -webkit-box-shadow:4px 4px  
4px 4px #82DDA2; box-shadow:4px 4px 4px  
4px #82DDA2 }
```

# Background

The CSS property to change the background color of an element to Hex 82DDA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DDA2 }
```

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

```
.background{ background-color:#82DDA2 }
```

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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