

# Converting Colors

Hex(84D288)

Have a look what the booklet for  
Hex(84D288) contains.

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# **Color**

**Hex(84D288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84D288
RGB	132, 210, 136
RGB Percent	52%, 82%, 53%
CMY	0.4824, 0.1765, 0.4667
CMYK	0.37, 0.00, 0.35, 0.18
HSL	123°, 46%, 67%
HSV	123°, 37%, 82%
XYZ	37.0062, 52.7763, 31.5290
YIQ	178.2420, -22.7340, -39.5500

# Conversions

## Conversions Part 2

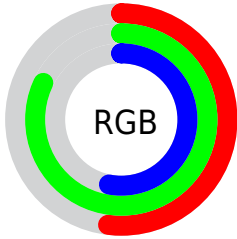
Format	Color
<a href="#">RYB</a>	<a href="#">132, 206, 210</a>
Decimal	<a href="#">8704648</a>
CIELab	<a href="#">77.74, -38.96, 29.31</a>
CIELCh	<a href="#">78, 48.754, 143.047</a>
Yxy	<a href="#">52.7763, 0.3051, 0.4350</a>
Android (android.graphics.Color)	<a href="#">4286894728 (0xFF84D288)</a>
YUV	<a href="#">178.2420, -20.8253, -40.5542</a>
Hunter-Lab	<a href="#">72.6473, -36.2056, 25.1212</a>

# Details

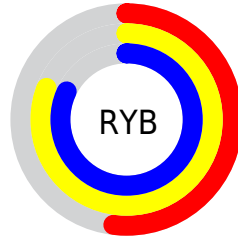
The Hex color **84D288** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D284CE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BCFFBE**, and **4E9B55** is the 20% darker color. If you saturate the color by 10%, you get **6FD274**, and if you desaturate by 10%, it is **99D29C**.

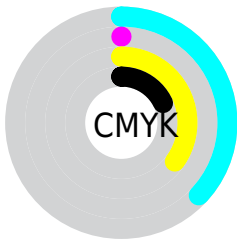
# Distribution



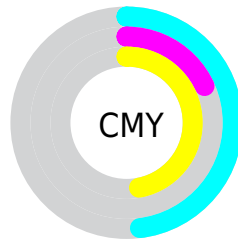
- Red (52%)
- Green (82%)
- Blue (53%)



- Red (52%)
- Yellow (81%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (48%)
- Magenta (18%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84D288 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 84D288 by changing the saturation by 10% instead.



 84D288

 84D288

FFFFFF

 69B66E

 BCFFBE

 4E9B55

 D8FFDA

 32803D

 F6FFF7

 126726

 004E0E

 003600

 002200

 000000

 84D288

 84D288

 6FD274

 99D29C

 5AD260

 AED2B0

 45D24C

 C3D2C4

 30D238

 D8D2D8

 1BD224

 EDD2EC

 06D210

 FFD2FF

 00D20B

# Harmonies

## Analogous

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



B9C86A



84D288



39D7B4

# Triad

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



84D288



5FC8FF



FF9E9F

# Complementary

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



84D288



D284CE

# 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.



FF9CCD



84D288



B4B8FF

# Square

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



84D288



00D2FF



EEA7F7



FFAA79

# Rectangle

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



84D288



00D8D3



EEA7F7



FF9CAE

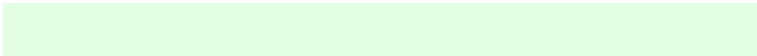


# Sweetspot

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



84D288



E3FFE4



CED284



6F8070



000000



808080

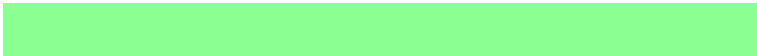


# Same Dimension

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



84D288



8CFF92



84D2AF



5E695F



00A809



002902



# Inverse Universe

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



D284CE



FF8CF9



D284A7



695E68



A800A0



290027



# Previews

## White Background



This preview shows how the Hex color 84D288 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 84D288 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 84D288 Background



This preview shows how black text looks on a background with the Hex color 84D288.

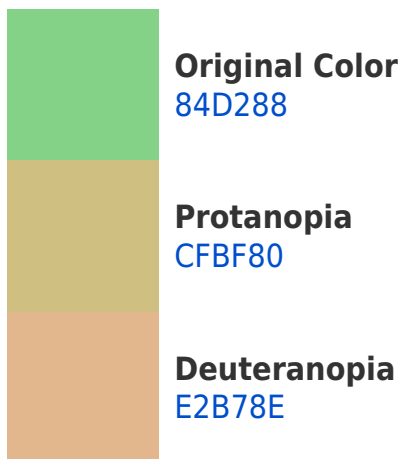


This preview shows how white text looks on a background with the Hex color 84D288.

# 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](#).

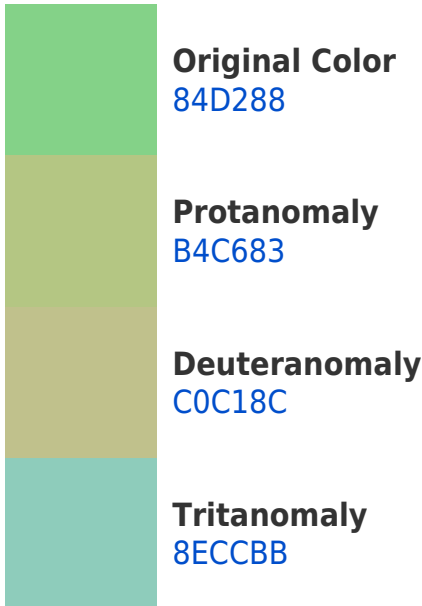
## Dichromacy



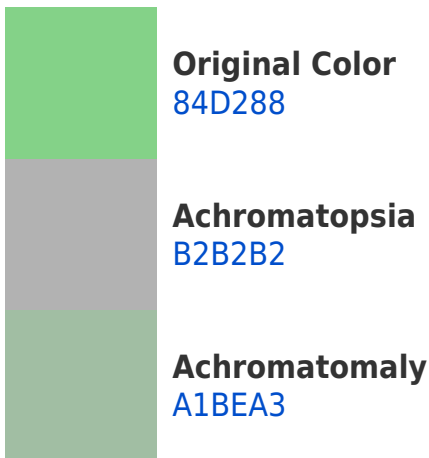


**Tritanopia**  
94C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84D288 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 #84D288 looks like.

```
.text, #text, p{  
    color:#84D288  
}
```

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 #84D288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D288
}
```

## Border

The CSS property to change the border of an element to Hex 84D288 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
#84D288 }
```

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

```
.border{ border-color:#84D288 }
```

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

Here you see how a box with a 4 pixel #84D288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D288; -webkit-box-shadow:4px 4px  
4px 4px #84D288; box-shadow:4px 4px 4px  
4px #84D288 }
```

# Background

The CSS property to change the background color of an element to Hex 84D288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D288 }
```

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

```
.background{ background-color:#84D288 }
```

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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