

# Converting Colors

Hex(78DBA4)

Have a look what the booklet for  
Hex(78DBA4) contains.

<b>Hex(78DBA4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(78DBA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78DBA4
RGB	120, 219, 164
RGB Percent	47%, 86%, 64%
CMY	0.5294, 0.1412, 0.3569
CMYK	0.45, 0.00, 0.25, 0.14
HSL	147°, 58%, 66%
HSV	147°, 45%, 86%
XYZ	39.7781, 57.3364, 44.0925
YIQ	183.1290, -41.3490, -38.0930

# Conversions

## Conversions Part 2

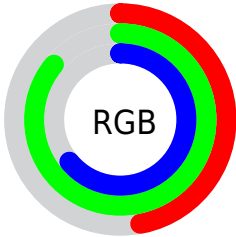
Format	Color
<a href="#">RYB</a>	<a href="#">120, 189, 219</a>
Decimal	<a href="#">7920548</a>
CIELab	<a href="#">80.37, -41.38, 18.19</a>
CIELCh	<a href="#">80, 45.201, 156.276</a>
Yxy	<a href="#">57.3364, 0.2817, 0.4060</a>
Android (android.graphics.Color)	<a href="#">4286110628 (0xFF78DBA4)</a>
YUV	<a href="#">183.1290, -9.4306, -55.3641</a>
Hunter-Lab	<a href="#">75.7208, -38.7408, 18.4798</a>

# Details

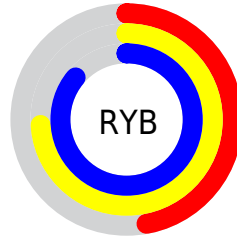
The Hex color **78DBA4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB78AF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B1FFDB**, and **3FA370** is the 20% darker color. If you saturate the color by 10%, you get **62DB98**, and if you desaturate by 10%, it is **8EDBB0**.

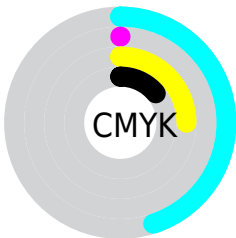
# Distribution



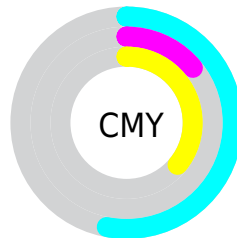
- Red (47%)
- Green (86%)
- Blue (64%)



- Red (47%)
- Yellow (74%)
- Blue (86%)



- Cyan (45%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)



- Cyan (53%)
- Magenta (14%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78DBA4 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 78DBA4 by changing the saturation by 10% instead.



 78DBA4

 78DBA4

FFFFFF

 5CBF8A

 B1FFDB

 3FA370

 CEFFF8

 1D8957

 EBFFFF

 006F40

 005529

 003D14

 002800

 000300

 000000

 78DBA4

 78DBA4

 62DB98

 8EDBB0

 4CDB8C

 A4DBBC

 36DB80

 BADBC9

 20DB73

 D0DBD5

 0BDB67

 E5DBE1

 00DB61

 FBDBED

 FFDBF9

 FFDBFF

# Harmonies

## Analogous

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



ADD482



78DBA4



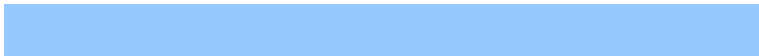
32DECF

# Triad

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



78DBA4



97C9FF



FFAC98

# Complementary

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



78DBA4



DB78AF

# 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.



FFA6C0



78DBA4



D8B9FF

# Square

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



78DBA4



43D5FF



FFABEA



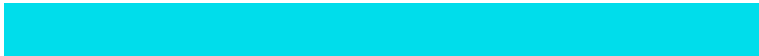
FEB97B

# Rectangle

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



78DBA4



00DDEB



FFABEA



FFA9A4

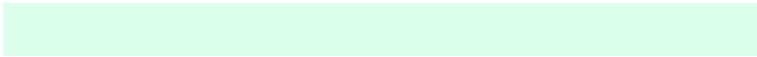


# Sweetspot

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



78DBA4



DBFFEB



B0DB78



6A8073



000000



808080



# Same Dimension

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



78DBA4



75FFB3



78DBD4



636E68



00AD4D



002E14



# Inverse Universe

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



DB78AF



FF75C2



DB787F



6E6369



AD0060



2E0019



# Previews

## White Background



This preview shows how the Hex color 78DBA4 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 78DBA4 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 78DBA4 Background



This preview shows how black text looks on a background with the Hex color 78DBA4.

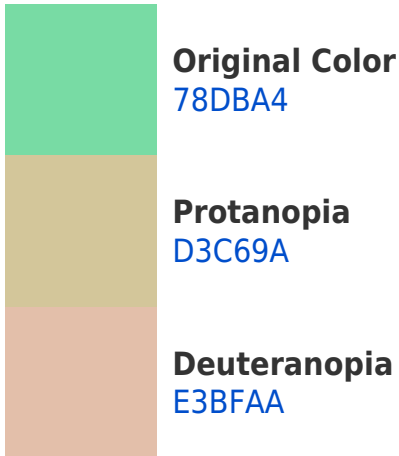


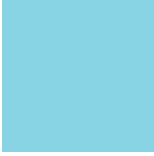
This preview shows how white text looks on a background with the Hex color 78DBA4.

# 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**  
88D3E4

# Trichromacy



**Original Color**  
78DBA4



**Protanomaly**  
B2CE9E



**Deuteranomaly**  
BCC9A8

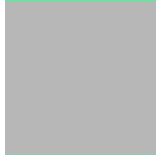


**Tritanomaly**  
82D6CD

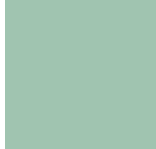
# Monochromacy



**Original Color**  
78DBA4



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
A0C4B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78DBA4 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 #78DBA4 looks like.

```
.text, #text, p{  
    color:#78DBA4  
}
```

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 #78DBA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78DBA4
}
```

## Border

The CSS property to change the border of an element to Hex 78DBA4 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
#78DBA4 }
```

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

```
.border{ border-color:#78DBA4 }
```

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

Here you see how a box with a 4 pixel #78DBA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78DBA4; -webkit-box-shadow:4px 4px  
4px 4px #78DBA4; box-shadow:4px 4px 4px  
4px #78DBA4 }
```

# Background

The CSS property to change the background color of an element to Hex 78DBA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78DBA4 }
```

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

```
.background{ background-color:#78DBA4 }
```

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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