

Converting Colors

Hex(78B586)

Have a look what the booklet for
Hex(78B586) contains.

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Color

Hex(78B586)

Conversions

Conversions Part 1

Format	Color
Hex	78B586
RGB	120, 181, 134
RGB Percent	47%, 71%, 53%
CMY	0.5294, 0.2902, 0.4745
CMYK	0.34, 0.00, 0.26, 0.29
HSL	134°, 29%, 59%
HSV	134°, 34%, 71%
XYZ	28.5727, 38.7620, 28.5301
YIQ	157.4030, -21.2690, -27.5490

Conversions

Conversions Part 2

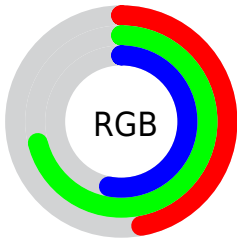
Format	Color
RYB	120, 170, 181
Decimal	7910790
CIELab	68.58, -29.62, 17.84
CIELCh	69, 34.577, 148.931
Yxy	38.7620, 0.2981, 0.4043
Android (android.graphics.Color)	4286100870 (0xFF78B586)
YUV	157.4030, -11.5377, -32.8024
Hunter-Lab	62.2592, -27.0343, 16.4119

Details

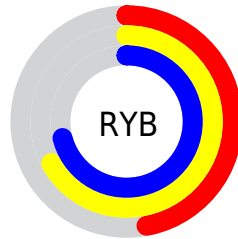
The Hex color **78B586** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B578A7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AEEDBB**, and **448054** is the 20% darker color. If you saturate the color by 10%, you get **66B578**, and if you desaturate by 10%, it is **8AB594**.

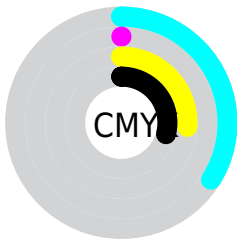
Distribution



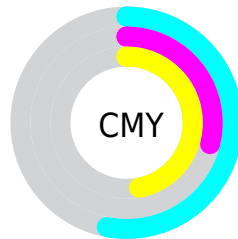
- Red (47%)
- Green (71%)
- Blue (53%)



- Red (47%)
- Yellow (67%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B586 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 78B586 by changing the saturation by 10% instead.

 78B586

 78B586

FFFFFF

 5E9A6D

 AEEDBB

 448054

 CAFFD7

 2B663D

 E7FFF4

 0F4E26

 003711

 002200

 000000

 78B586

 78B586

 66B578

 8AB594

 54B56A

 9CB5A2

 42B55C

 AEB5B0

 30B54E

 C0B5BE

 1DB540

 D3B5CC

 0BB532

 E5B5DA

 00B52A

 F7B5E8

 FFB5F6

 FFB5FF

Harmonies

Analogous

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



9DAE70



78B586



51B8A5

Triad

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



78B586



7AABE5



E4928B

Complementary

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



78B586



B578A7

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.



E28FAA



78B586



AAA0DE

Square

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



78B586



48B3DC



CE95C8



D69A73

Rectangle

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



78B586



3AB8BA



CE95C8



E59095

Sweetspot

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



78B586



D3EBD9



A8B578



67756A



F5F5F5



757575

Same Dimension

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



78B586



8DEBA2



78B5A4



505952



009923



001A06

Inverse Universe

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



B578A7



EB8DD5



B57889



595057



990076



1A0014

Previews

White Background



This preview shows how the Hex color 78B586 looks on a white background.

Color Contrast Check

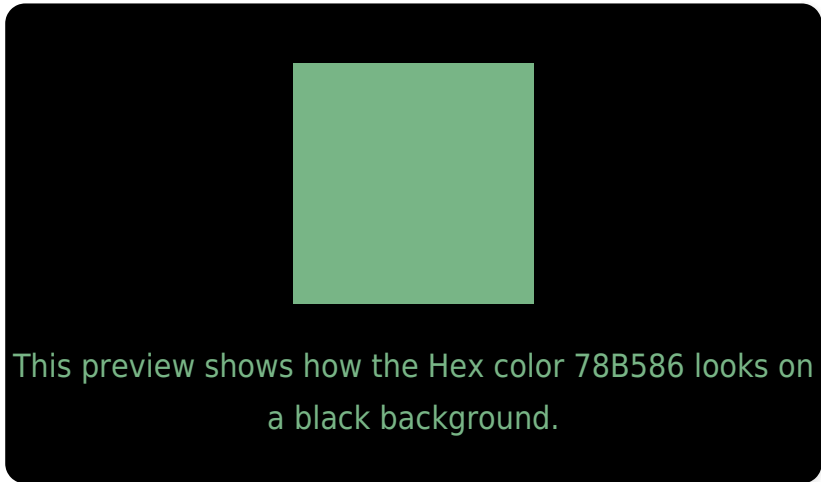
Large Text (above 18pt) WCAG AA × Fail

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

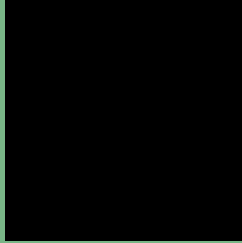
Any Text WCAG AA ✓ Pass

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 78B586 Background



This preview shows how black text looks on a background with the Hex color 78B586.

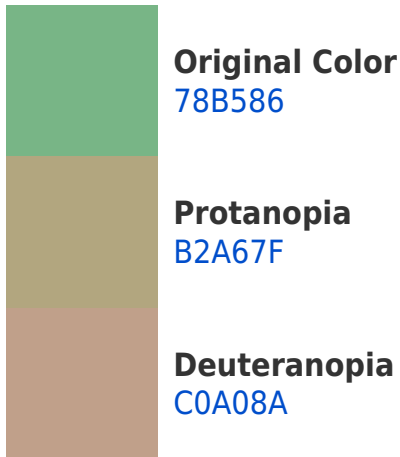


This preview shows how white text looks on a background with the Hex color 78B586.

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](#).

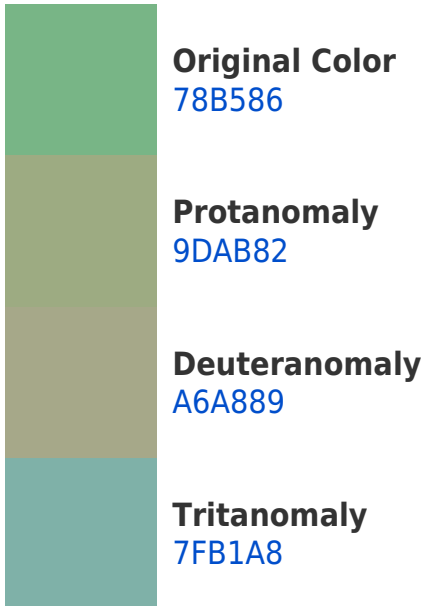
Dichromacy



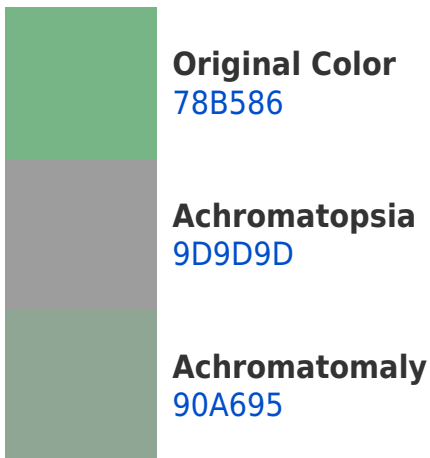


Tritanopia
83AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B586 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 #78B586 looks like.

```
.text, #text, p{  
    color:#78B586  
}
```

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 #78B586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B586
}
```

Border

The CSS property to change the border of an element to Hex 78B586 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
#78B586 }
```

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

```
.border{ border-color:#78B586 }
```

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

Here you see how a box with a 4 pixel #78B586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B586; -webkit-box-shadow:4px 4px  
4px 4px #78B586; box-shadow:4px 4px 4px  
4px #78B586 }
```

Background

The CSS property to change the background color of an element to Hex 78B586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B586 }
```

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

```
.background{ background-color:#78B586 }
```

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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