

Converting Colors

Hex(50997D)

Have a look what the booklet for
Hex(50997D) contains.

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Color

Hex(50997D)

Conversions

Conversions Part 1

Format	Color
Hex	50997D
RGB	80, 153, 125
RGB Percent	31%, 60%, 49%
CMY	0.6863, 0.4000, 0.5098
CMYK	0.48, 0.00, 0.18, 0.40
HSL	157°, 31%, 46%
HSV	157°, 48%, 60%
XYZ	18.4012, 25.9686, 23.4446
YIQ	127.9810, -34.5200, -24.1840

Conversions

Conversions Part 2

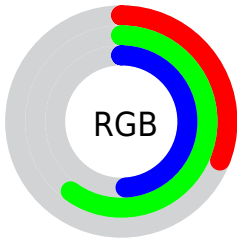
Format	Color
RYB	80, 125, 153
Decimal	5282173
CIELab	58.01, -29.75, 7.72
CIELCh	58, 30.734, 165.443
Yxy	25.9686, 0.2713, 0.3829
Android (android.graphics.Color)	4283472253 (0xFF50997D)
YUV	127.9810, -1.4696, -42.0793
Hunter-Lab	50.9594, -24.7236, 8.3943

Details

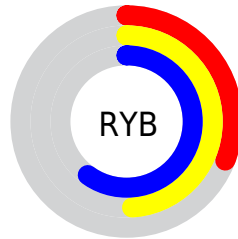
The Hex color **50997D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99506C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **85D0B2**, and **18654C** is the 20% darker color. If you saturate the color by 10%, you get **419977**, and if you desaturate by 10%, it is **5F9983**.

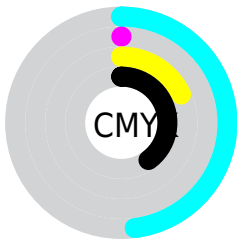
Distribution



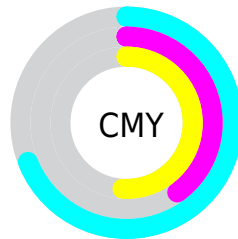
- Red (31%)
- Green (60%)
- Blue (49%)



- Red (31%)
- Yellow (49%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50997D 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 50997D by changing the saturation by 10% instead.

■ 50997D

■ 50997D

FFFFFF

■ 357F64

■ 85D0B2

■ 18654C

■ A1ECCD

■ 004D35

■ BDFFE9

■ 003620

■ D9FFFF

■ 002209

■ F7FFFF

■ 000000

■ 50997D

■ 50997D

■ 419977

■ 5F9983

■ 319971

■ 6F9989

■ 22996B

■ 7E998F

■ 139966

■ 8D9994

■ 049960

■ 9D999A

■ 00995E

■ AC99A0

■ BB99A6

■ CA99AC

■ DA99B2

Harmonies

Analogous

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



719565



50997D



2F9A99

Triad

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



50997D



7C89BF



BA7C66

Complementary

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



50997D



99506C

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.



C0777E



50997D



A07FB1

Square

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



50997D



5092BF



B8789A



A98558

Rectangle

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



50997D



2499AA



B8789A



BE7A6E

Sweetspot

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



50997D



ABC7BC



6D9950



53635D



E3E3E3



636363

Same Dimension

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



50997D



56C79B



509299



454D4A



008C56



000D08

Inverse Universe

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



99506C



C75681



995750



4D4548



8C0036



0D0005

Previews

White Background



This preview shows how the Hex color 50997D looks on a white background.

Color Contrast Check

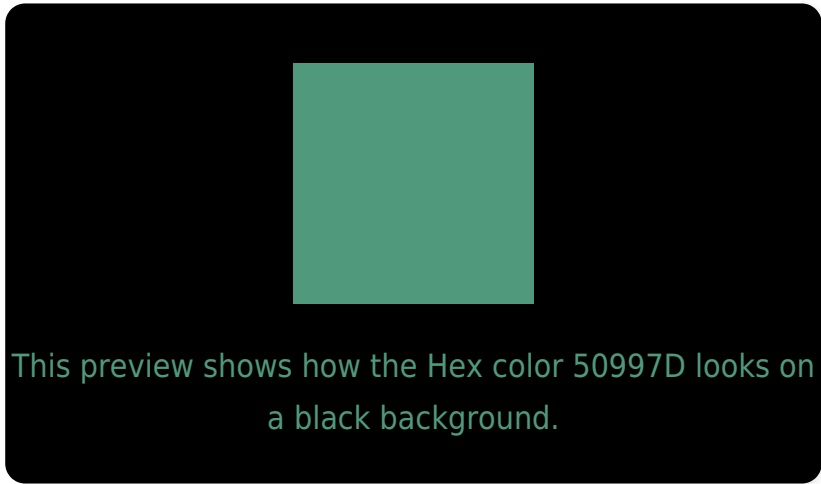
Large Text (above 18pt) WCAG AA ✓ Pass

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

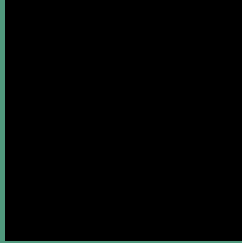
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 50997D Background



This preview shows how black text looks on a background with the Hex color 50997D.

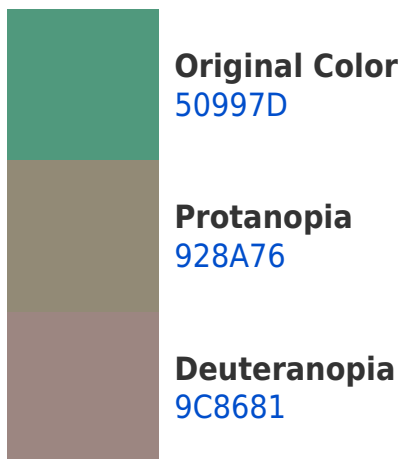


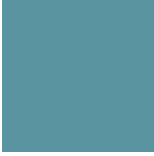
This preview shows how white text looks on a background with the Hex color 50997D.

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
5A94A0

Trichromacy



Original Color
50997D

Protanomaly
7A8F79

Deuteranomaly
808D80

Tritanomaly
569693

Monochromacy



Original Color
50997D

Achromatopsia
808080

Achromatomaly
6F897F

CSS Examples

Text

The CSS property to change the color of the text to Hex 50997D 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 #50997D looks like.

```
.text, #text, p{  
    color:#50997D  
}
```

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 #50997D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50997D
}
```

Border

The CSS property to change the border of an element to Hex 50997D 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
#50997D }
```

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

```
.border{ border-color:#50997D }
```

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

Here you see how a box with a 4 pixel #50997D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50997D; -webkit-box-shadow:4px 4px  
4px 4px #50997D; box-shadow:4px 4px 4px  
4px #50997D }
```

Background

The CSS property to change the background color of an element to Hex 50997D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50997D }
```

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

```
.background{ background-color:#50997D }
```

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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