

Converting Colors

Hex(56A984)

Have a look what the booklet for
Hex(56A984) contains.

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Color

Hex(56A984)

Conversions

Conversions Part 1

Format	Color
Hex	56A984
RGB	86, 169, 132
RGB Percent	34%, 66%, 52%
CMY	0.6627, 0.3373, 0.4824
CMYK	0.49, 0.00, 0.22, 0.34
HSL	153°, 33%, 50%
HSV	153°, 49%, 66%
XYZ	22.1906, 32.0203, 26.8408
YIQ	139.9650, -37.5910, -29.1030

Conversions

Conversions Part 2

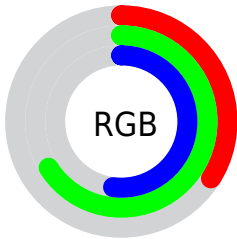
Format	Color
RYB	86, 139, 169
Decimal	5679492
CIELab	63.36, -34.19, 11.42
CIElCh	63, 36.047, 161.523
Yxy	32.0203, 0.2738, 0.3951
Android (android.graphics.Color)	4283869572 (0xFF56A984)
YUV	139.9650, -3.9267, -47.3273
Hunter-Lab	56.5865, -29.0270, 11.4874

Details

The Hex color **56A984** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A9567B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DE1B9**, and **1C7452** is the 20% darker color. If you saturate the color by 10%, you get **45A97C**, and if you desaturate by 10%, it is **67A98C**.

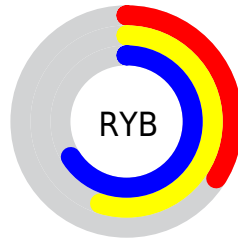
Distribution



Red (34%)

Green (66%)

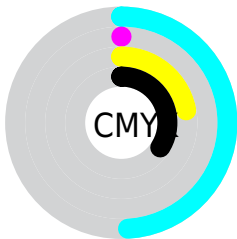
Blue (52%)



Red (34%)

Yellow (55%)

Blue (66%)

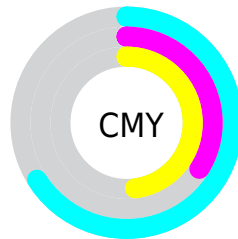


Cyan (49%)

Magenta (0%)

Yellow (22%)

Black (34%)



Cyan (66%)

Magenta (34%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A984 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 56A984 by changing the saturation by 10% instead.

 56A984

 56A984

FFFFFF

 3A8E6B

 8DE1B9

 1C7452

 A8FED5

 005B3B

 C5FFF1

 004326

 E2FFFF

 002C11

 001400

 000000

 56A984

 56A984

 45A97C

 67A98C

■ 34A975

■ 78A993

■ 23A96D

■ 89A99B

■ 12A966

■ 9AA9A2

■ 02A95E

■ AAA9AA

■ 00A95E

■ BBA9B1

■ CCA9B9

■ DDA9C0

■ EEA9C8

Harmonies

Analogous

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



7FA468



56A984



22ABA5

Triad

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



56A984



7F98D8



D38670

Complementary

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



56A984



A9567B

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.



D8808E



56A984



AD8DCA

Square

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



56A984



45A2D6



CB83AF



BF915D

Rectangle

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



56A984



00AABA



CB83AF



D68379

Sweetspot

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



56A984



BADBCD



7BA956



5A6E65



EDEDED



6E6E6E

Same Dimension

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



56A984



5ADBA2



56A5A9



4C5450



009452



00140B

Inverse Universe

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



A9567B



DB5A94



A95A56



544C4F



940042



140009

Previews

White Background



This preview shows how the Hex color 56A984 looks on a white background.

Color Contrast Check

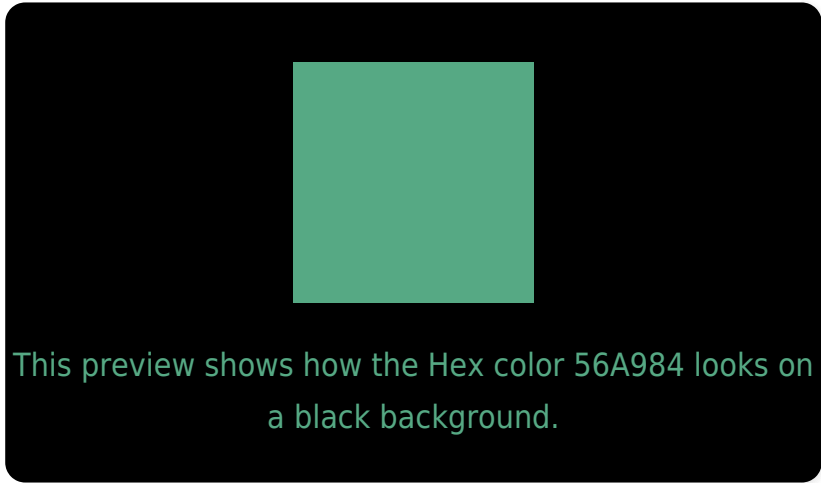
Large Text (above 18pt) WCAG AA × Fail

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

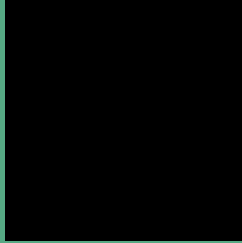
Any Text WCAG AA ✓ Pass

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 56A984 Background



This preview shows how black text looks on a background with the Hex color 56A984.

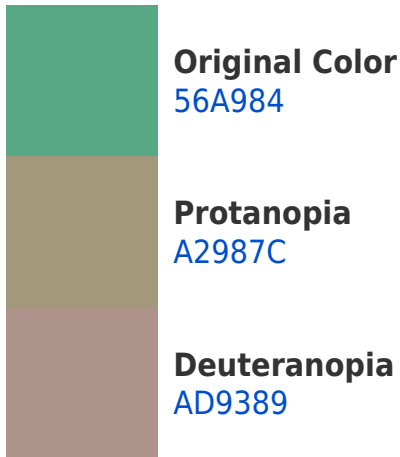


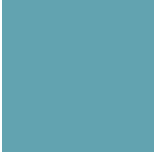
This preview shows how white text looks on a background with the Hex color 56A984.

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
62A3B0

Trichromacy



Original Color
56A984



Protanomaly
869E7F



Deuteranomaly
8D9B87



Tritanomaly
5EA5A0

Monochromacy



Original Color
56A984



Achromatopsia
8C8C8C



Achromatomaly
789789

CSS Examples

Text

The CSS property to change the color of the text to Hex 56A984 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 #56A984 looks like.

```
.text, #text, p{  
    color:#56A984  
}
```

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 #56A984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A984
}
```

Border

The CSS property to change the border of an element to Hex 56A984 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
#56A984 }
```

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

```
.border{ border-color:#56A984 }
```

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

Here you see how a box with a 4 pixel #56A984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A984; -webkit-box-shadow:4px 4px  
4px 4px #56A984; box-shadow:4px 4px 4px  
4px #56A984 }
```

Background

The CSS property to change the background color of an element to Hex 56A984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A984 }
```

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

```
.background{ background-color:#56A984 }
```

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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