

Converting Colors

Hex(53A78A)

Have a look what the booklet for
Hex(53A78A) contains.

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Color

Hex(53A78A)

Conversions

Conversions Part 1

Format	Color
Hex	53A78A
RGB	83, 167, 138
RGB Percent	33%, 65%, 54%
CMY	0.6745, 0.3451, 0.4588
CMYK	0.50, 0.00, 0.17, 0.35
HSL	159°, 34%, 49%
HSV	159°, 50%, 65%
XYZ	21.9734, 31.3114, 28.9303
YIQ	138.5780, -40.7550, -26.8270

Conversions

Conversions Part 2

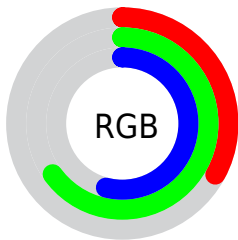
Format	Color
RYB	83, 134, 167
Decimal	5482378
CIELab	62.77, -32.65, 7.23
CIElCh	63, 33.444, 167.509
Yxy	31.3114, 0.2673, 0.3808
Android (android.graphics.Color)	4283672458 (0xFF53A78A)
YUV	138.5780, -0.2850, -48.7419
Hunter-Lab	55.9566, -27.8294, 8.5159

Details

The Hex color **53A78A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A75370**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8ADFBF**, and **177258** is the 20% darker color. If you saturate the color by 10%, you get **42A784**, and if you desaturate by 10%, it is **64A790**.

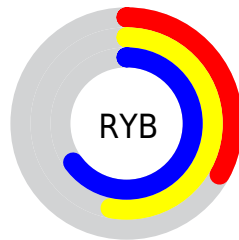
Distribution



Red (33%)

Green (65%)

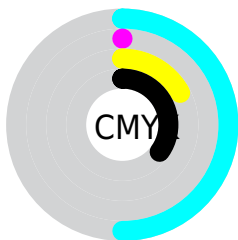
Blue (54%)



Red (33%)

Yellow (53%)

Blue (65%)

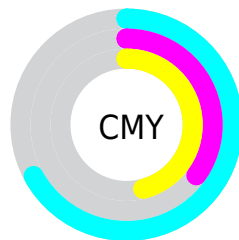


Cyan (50%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (67%)

Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A78A 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 53A78A by changing the saturation by 10% instead.



53A78A



53A78A

FFFFFF



378C71



8ADFBF



177258



A6FBDB



005941



C2FFF8



00412B



DFFFFFF



002B16



FCFFF



001100



000000



53A78A



53A78A




42A784



64A790

 32A77E

 74A796

 21A779

 85A79B

 10A773

 96A7A1

 00A76D

 A6A7A7

 B7A7AD

 C8A7B2

 D9A7B8

 E9A7BE

Harmonies

Analogous

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



78A36F



53A78A



2CA8A9

Triad

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



53A78A



8995D0



CB886D

Complementary

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



53A78A



A75370

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.



D28187



53A78A



B18AC0

Square

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



53A78A



589ED1



CA82A6



B7925E

Rectangle

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



53A78A



22A6BB



CA82A6



CF8575

Sweetspot

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



53A78A



B8D9CE



70A753



5A6E67



EDEDED



6E6E6E

Same Dimension

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



53A78A



57D9AC



539AA7



4C5451



009461



00140D

Inverse Universe

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



A75370



D95784



A76053



544C4F



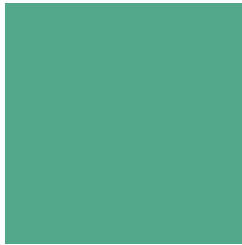
940033



140007

Previews

White Background



This preview shows how the Hex color 53A78A looks on a white background.

Color Contrast Check

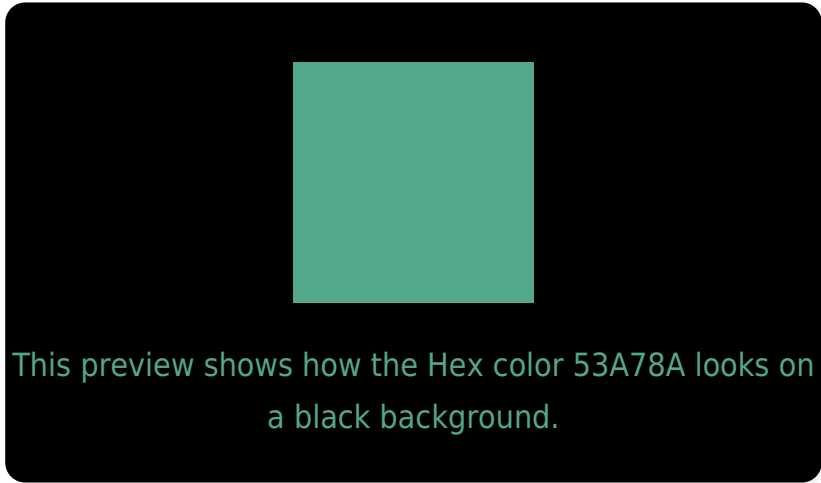
Large Text (above 18pt) WCAG AA × Fail

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

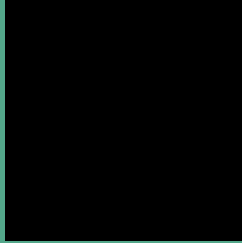
Any Text WCAG AA ✓ Pass

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 53A78A Background



This preview shows how black text looks on a background with the Hex color 53A78A.

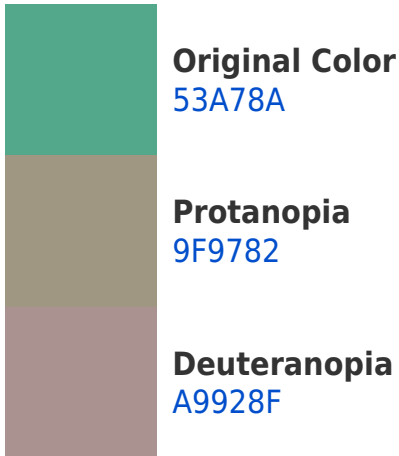


This preview shows how white text looks on a background with the Hex color 53A78A.

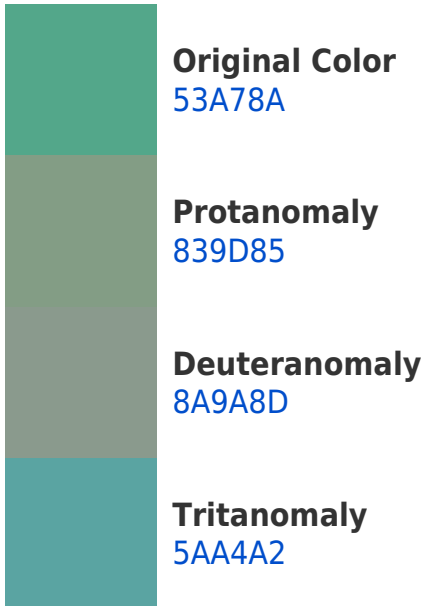
Color Blindness Simulation

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](#).

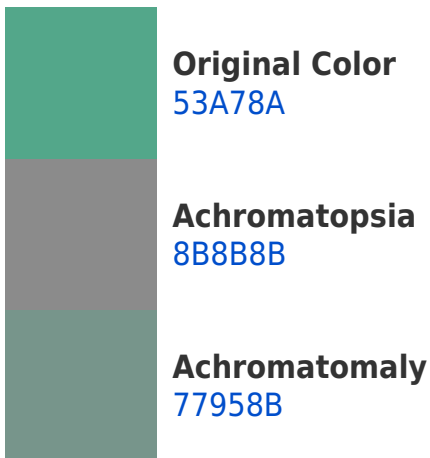
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53A78A 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 #53A78A looks like.

```
.text, #text, p{  
    color:#53A78A  
}
```

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 #53A78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A78A
}
```

Border

The CSS property to change the border of an element to Hex 53A78A 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
#53A78A }
```

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

```
.border{ border-color:#53A78A }
```

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

Here you see how a box with a 4 pixel #53A78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A78A; -webkit-box-shadow:4px 4px  
4px 4px #53A78A; box-shadow:4px 4px 4px  
4px #53A78A }
```

Background

The CSS property to change the background color of an element to Hex 53A78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A78A }
```

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

```
.background{ background-color:#53A78A }
```

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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