

# Converting Colors

Hex(44A68B)

Have a look what the booklet for  
Hex(44A68B) contains.

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**Color**

**Hex(44A68B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44A68B
RGB	68, 166, 139
RGB Percent	27%, 65%, 55%
CMY	0.7333, 0.3490, 0.4549
CMYK	0.59, 0.00, 0.16, 0.35
HSL	163°, 42%, 46%
HSV	163°, 59%, 65%
XYZ	20.6803, 30.3655, 29.1973
YIQ	133.6200, -49.7410, -29.1730

# Conversions

## Conversions Part 2

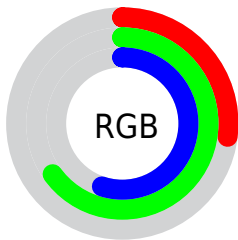
Format	Color
<a href="#">RYB</a>	<a href="#">68, 125, 166</a>
Decimal	<a href="#">4499083</a>
CIELab	<a href="#">61.97, -35.34, 5.46</a>
CIElCh	<a href="#">62, 35.759, 171.221</a>
Yxy	<a href="#">30.3655, 0.2577, 0.3784</a>
Android (android.graphics.Color)	<a href="#">4282689163</a> (0xFF44A68B)
YUV	<a href="#">133.6200, 2.6523, -57.5487</a>
Hunter-Lab	<a href="#">55.1049, -29.4442, 7.1587</a>

# Details

The Hex color **44A68B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A6445F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7DDEC0**, and **007159** is the 20% darker color. If you saturate the color by 10%, you get **33A686**, and if you desaturate by 10%, it is **55A690**.

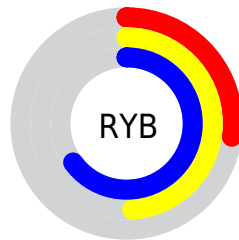
# Distribution



Red (27%)

Green (65%)

Blue (55%)



Red (27%)

Yellow (49%)

Blue (65%)

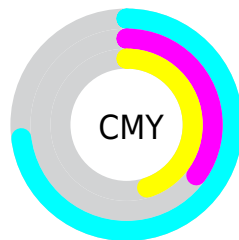


Cyan (59%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (73%)

Magenta (35%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44A68B 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 44A68B by changing the saturation by 10% instead.





44A68B



44A68B

FFFFFF



248B72



7DDEC0



007159



99FADC



005842



B6FFF9



00402C



D3FFFF



002A17



F0FFFF



000D00



000000



44A68B



44A68B



33A686



55A690

■ 23A682

■ 65A694

■ 12A67D

■ 76A699

■ 02A679

■ 86A69D

■ 00A678

■ 97A6A2

■ A8A6A6

■ B8A6AB

■ C9A6B0

■ D9A6B4

# Harmonies

## Analogous

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



6FA26D



44A68B



00A6AC

# Triad

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



44A68B



8C91D1



C98666

# Complementary

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



44A68B



A6445F

# 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.



D37E80



44A68B



B585BE

# Square

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



44A68B



559CD4



CD7EA0



B39157

# Rectangle

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



44A68B



00A5BE



CD7EA0



CE826D



# Sweetspot

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



44A68B



B2D9CE



60A644



566E67



EDEDED



6E6E6E



# Same Dimension

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



44A68B



3FD9AE



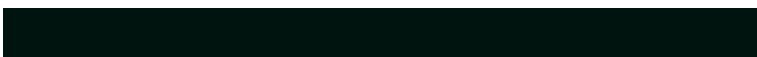
4491A6



4C5452



00946B



00140F



# Inverse Universe

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



A6445F



D93F69



A65944



544C4E



940029

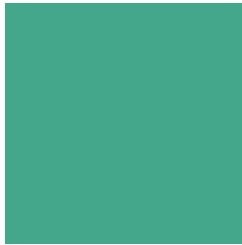


140006



# Previews

## White Background



This preview shows how the Hex color 44A68B looks on a white background.

## Color Contrast Check

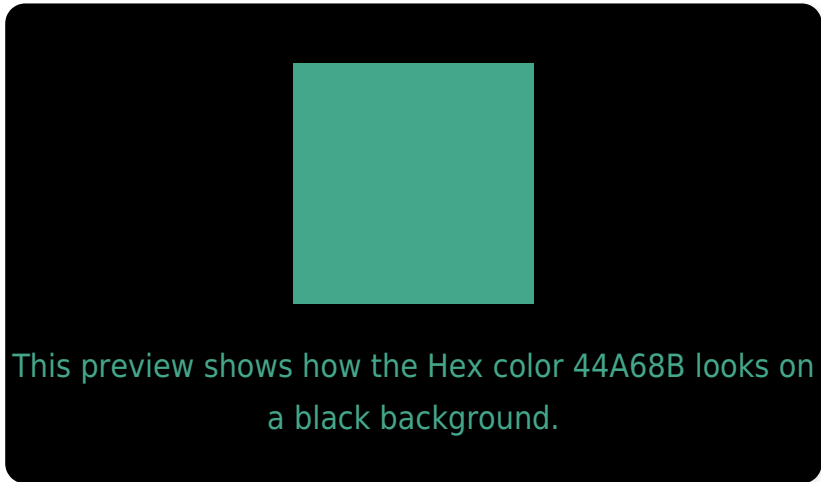
Large Text (above 18pt) WCAG AA × Fail

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

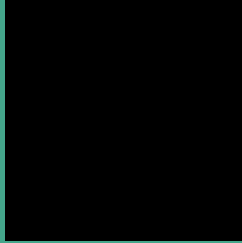
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44A68B Background



This preview shows how black text looks on a background with the Hex color 44A68B.

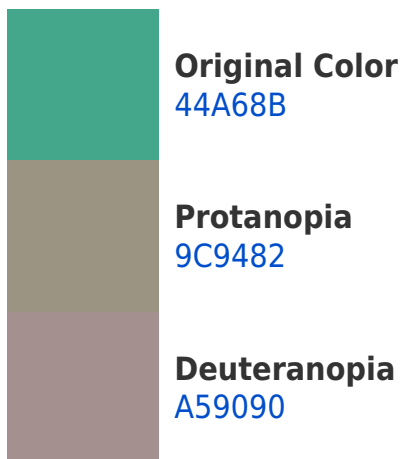


This preview shows how white text looks on a background with the Hex color 44A68B.

# 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



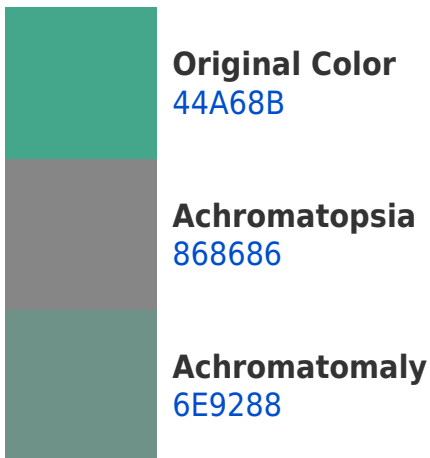


**Tritanopia**  
51A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44A68B 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 #44A68B looks like.

```
.text, #text, p{  
    color:#44A68B  
}
```

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 #44A68B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A68B
}
```

## Border

The CSS property to change the border of an element to Hex 44A68B 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
#44A68B }
```

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

```
.border{ border-color:#44A68B }
```

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

Here you see how a box with a 4 pixel #44A68B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A68B; -webkit-box-shadow:4px 4px  
4px 4px #44A68B; box-shadow:4px 4px 4px  
4px #44A68B }
```

# Background

The CSS property to change the background color of an element to Hex 44A68B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A68B }
```

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

```
.background{ background-color:#44A68B }
```

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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