

Converting Colors

Hex(44A68D)

Have a look what the booklet for
Hex(44A68D) contains.

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Color

Hex(44A68D)

Conversions

Conversions Part 1

Format	Color
Hex	44A68D
RGB	68, 166, 141
RGB Percent	27%, 65%, 55%
CMY	0.7333, 0.3490, 0.4471
CMYK	0.59, 0.00, 0.15, 0.35
HSL	165°, 42%, 46%
HSV	165°, 59%, 65%
XYZ	20.8278, 30.4245, 29.9741
YIQ	133.8480, -50.3830, -28.5510

Conversions

Conversions Part 2

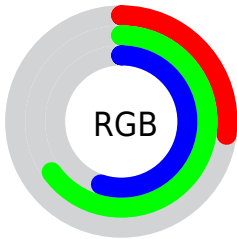
Format	Color
RYB	68, 124, 166
Decimal	4499085
CIELab	62.02, -34.84, 4.41
CIElCh	62, 35.123, 172.786
Yxy	30.4245, 0.2564, 0.3746
Android (android.graphics.Color)	4282689165 (0xFF44A68D)
YUV	133.8480, 3.5259, -57.7487
Hunter-Lab	55.1584, -29.1255, 6.3916

Details

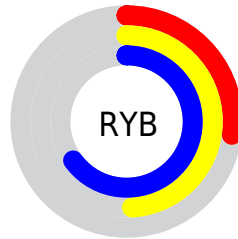
The Hex color **44A68D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A6445D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7DDEC3**, and **00715B** is the 20% darker color. If you saturate the color by 10%, you get **33A689**, and if you desaturate by 10%, it is **55A691**.

Distribution



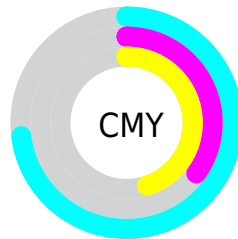
- Red (27%)
- Green (65%)
- Blue (55%)



- Red (27%)
- Yellow (49%)
- Blue (65%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44A68D 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 44A68D by changing the saturation by 10% instead.

 44A68D

 44A68D

FFFFFF

 248B73

 7DDEC3

 00715B

 99FADE

 005843

 B6FFFB

 00402D

 D3FFFF

 002A19

 F0FFFF

 000D00

 000000

 44A68D

 44A68D

 33A689

 55A691

■ 23A685

■ 65A695

■ 12A680

■ 76A69A

■ 02A67C

■ 86A69E

■ 00A67C

■ 97A6A2

■ A8A6A6

■ B8A6AB

■ C9A6AF

■ D9A6B3

Harmonies

Analogous

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



6EA26F



44A68D



0BA6AD

Triad

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



44A68D



8E91CF



C88765

Complementary

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



44A68D



A6445D

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.



D27F7F



44A68D



B685BC

Square

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



44A68D



5A9BD3



CD7E9F



B19158

Rectangle

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



44A68D



02A4BF



CD7E9F



CD836D

Sweetspot

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



44A68D



B2D9CF



5EA644



566E67



EDEDED



6E6E6E

Same Dimension

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



44A68D



3FD9B1



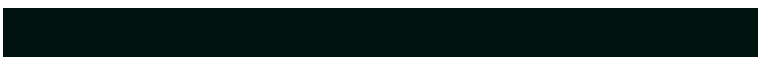
448FA6



4C5452



00946E



00140F

Inverse Universe

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



A6445D



D93F66



A65B44



544C4E



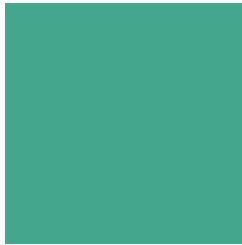
940026



140005

Previews

White Background



This preview shows how the Hex color 44A68D 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



This preview shows how the Hex color 44A68D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

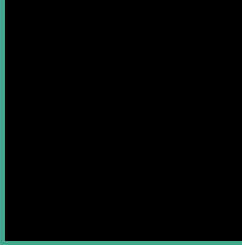
Any Text WCAG AA ✓ Pass

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 44A68D Background



This preview shows how black text looks on a background with the Hex color 44A68D.

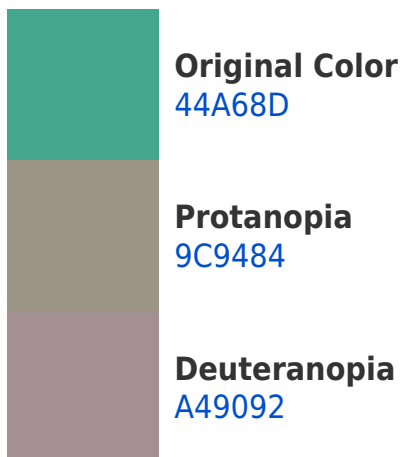


This preview shows how white text looks on a background with the Hex color 44A68D.

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
50A1AE

Trichromacy



Original Color

44A68D



Protanomaly

7C9B87



Deuteranomaly

819890



Tritanomaly

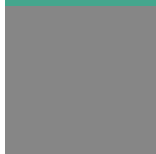
4CA3A2

Monochromacy



Original Color

44A68D



Achromatopsia

868686



Achromatomaly

6E9289

CSS Examples

Text

The CSS property to change the color of the text to Hex 44A68D 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 #44A68D looks like.

```
.text, #text, p{  
    color:#44A68D  
}
```

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 #44A68D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A68D
}
```

Border

The CSS property to change the border of an element to Hex 44A68D 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
#44A68D }
```

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

```
.border{ border-color:#44A68D }
```

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

Here you see how a box with a 4 pixel #44A68D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A68D; -webkit-box-shadow:4px 4px  
4px 4px #44A68D; box-shadow:4px 4px 4px  
4px #44A68D }
```

Background

The CSS property to change the background color of an element to Hex 44A68D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A68D }
```

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

```
.background{ background-color:#44A68D }
```

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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