

Converting Colors

Hex(44A4AF)

Have a look what the booklet for
Hex(44A4AF) contains.

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Color

Hex(44A4AF)

Conversions

Conversions Part 1

Format	Color
Hex	44A4AF
RGB	68, 164, 175
RGB Percent	27%, 64%, 69%
CMY	0.7333, 0.3569, 0.3137
CMYK	0.61, 0.06, 0.00, 0.31
HSL	186°, 44%, 48%
HSV	186°, 61%, 69%
XYZ	23.3972, 30.8750, 45.2837
YIQ	136.5500, -60.7470, -16.9310

Conversions

Conversions Part 2

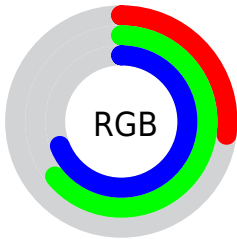
Format	Color
R _{YB}	68, 119, 175
Decimal	4498607
CIE Lab	62.40, -24.58, -14.11
CIE LCh	62, 28.341, 209.863
Yxy	30.8750, 0.2350, 0.3101
Android (android.graphics.Color)	4282688687 (0xFF44A4AF)
YUV	136.5500, 18.9559, -60.1183
Hunter-Lab	55.5653, -22.0771, -9.4236

Details

The Hex color **44A4AF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF4F44**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7FDBE7**, and **00707B** is the 20% darker color. If you saturate the color by 10%, you get **33A2AF**, and if you desaturate by 10%, it is **56A6AF**.

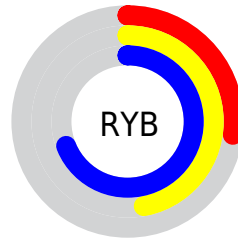
Distribution



Red (27%)

Green (64%)

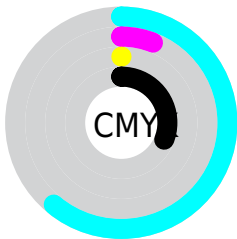
Blue (69%)



Red (27%)

Yellow (47%)

Blue (69%)

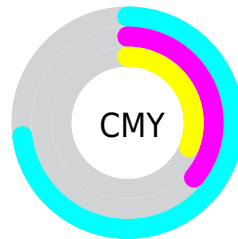


Cyan (61%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (73%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44A4AF 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 44A4AF by changing the saturation by 10% instead.

■ 44A4AF

■ 44A4AF

FFFFFF

■ 218A94

■ 7FDBE7

■ 00707B

■ 9CF8FF

■ 005762

■ B9FFFF

■ 003F4A

■ D6FFFF

■ 002933

■ F4FFFF

■ 00111E

■ 000002

■ 000000

■ 44A4AF

■ 44A4AF

■ 33A2AF

■ 56A6AF

■ 21A0AF

■ 67A8AF

■ 109FAF

■ 79A9AF

■ 009DAF

■ 8AABAF

■ 9CADAF

■ ADAFAF

■ BFB1AF

■ D0B2AF

■ E2B4AF

Harmonies

Analogous

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



54A596



44A4AF



52A0C2

Triad

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



44A4AF



B788B1



A99565

Complementary

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



44A4AF



AF4F44

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.



BD8D6C



44A4AF



C78498

Square

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



44A4AF



9A90C2



C8867F



8E9D6B

Rectangle

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



44A4AF



699CC8



C8867F



B09266

Sweetspot

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



44A4AF



BADFE3



44AF4F



5A7073



F2F2F2



737373

Same Dimension

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



44A4AF



3DD2E3



446FAF



4E5657



008796



001517

Inverse Universe

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



AF44A4



E33DD2



AF8444



574E56



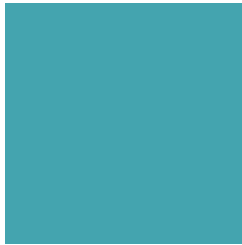
960087



170015

Previews

White Background



This preview shows how the Hex color 44A4AF looks on a white background.

Color Contrast Check

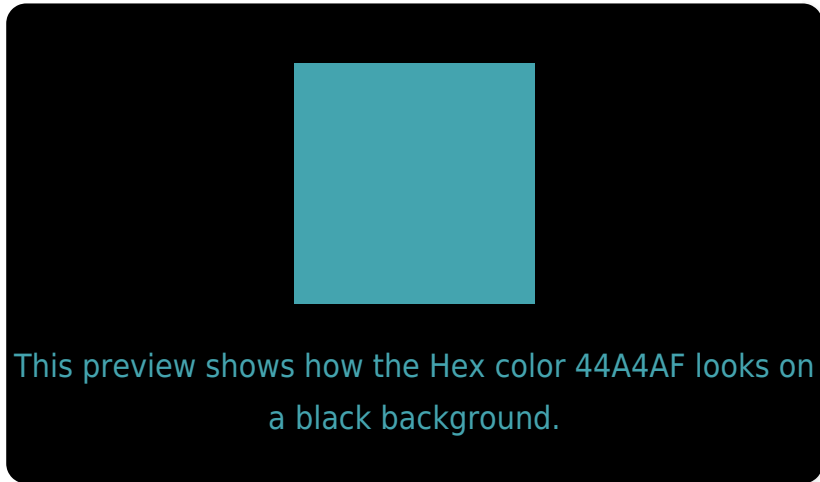
Large Text (above 18pt) WCAG AA × Fail

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

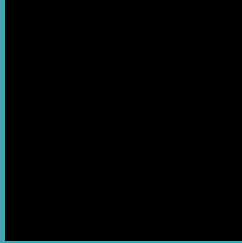
Any Text WCAG AA ✓ Pass

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 44A4AF Background



This preview shows how black text looks on a background with the Hex color 44A4AF.

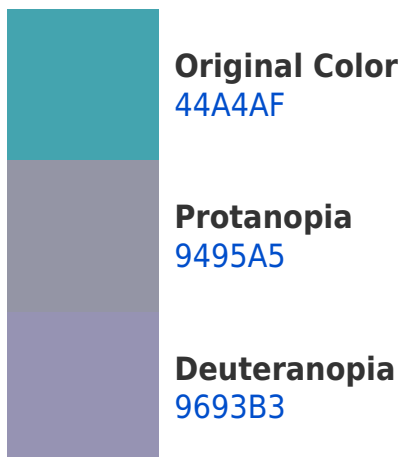


This preview shows how white text looks on a background with the Hex color 44A4AF.

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



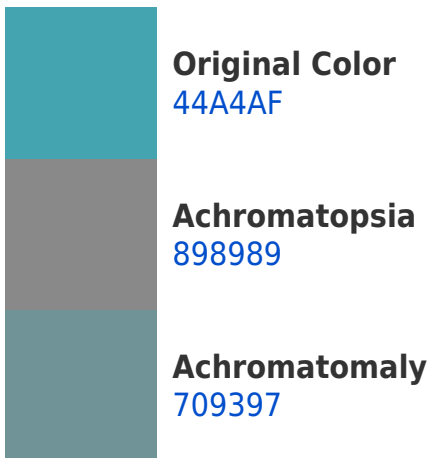


Tritanopia
45A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44A4AF 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 #44A4AF looks like.

```
.text, #text, p{  
    color:#44A4AF  
}
```

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 #44A4AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A4AF
}
```

Border

The CSS property to change the border of an element to Hex 44A4AF 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
#44A4AF }
```

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

```
.border{ border-color:#44A4AF }
```

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

Here you see how a box with a 4 pixel #44A4AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A4AF; -webkit-box-shadow:4px 4px  
4px 4px #44A4AF; box-shadow:4px 4px 4px  
4px #44A4AF }
```

Background

The CSS property to change the background color of an element to Hex 44A4AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A4AF }
```

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

```
.background{ background-color:#44A4AF }
```

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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