

Converting Colors

Hex(44AAAA)

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

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Color

Hex(44AAAA)

Conversions

Conversions Part 1

Format	Color
Hex	44AAAA
RGB	68, 170, 170
RGB Percent	27%, 67%, 67%
CMY	0.7333, 0.3333, 0.3333
CMYK	0.60, 0.00, 0.00, 0.33
HSL	180°, 43%, 47%
HSV	180°, 60%, 67%
XYZ	24.0143, 32.8807, 43.1111
YIQ	139.5020, -60.7920, -21.6240

Conversions

Conversions Part 2

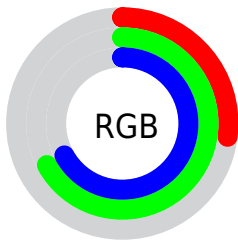
Format	Color
RYB	68, 119, 170
Decimal	4500138
CIELab	64.06, -29.01, -8.82
CIElCh	64, 30.323, 196.909
Yxy	32.8807, 0.2401, 0.3288
Android (android.graphics.Color)	4282690218 (0xFF44AAAA)
YUV	139.5020, 15.0355, -62.7073
Hunter-Lab	57.3417, -25.5933, -4.4368

Details

The Hex color **44AAAA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA4444**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7FE2E1**, and **007576** is the 20% darker color. If you saturate the color by 10%, you get **33AAAA**, and if you desaturate by 10%, it is **55AAAA**.

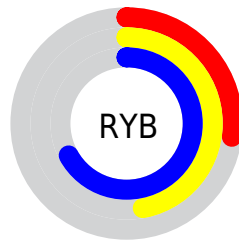
Distribution



Red (27%)

Green (67%)

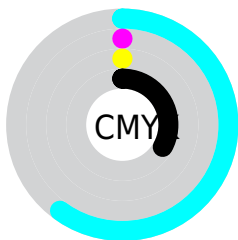
Blue (67%)



Red (27%)

Yellow (47%)

Blue (67%)

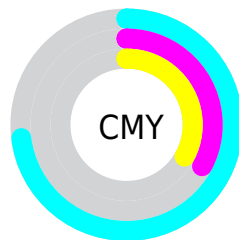


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (73%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

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

 44AAAA

 44AAAA

FFFFFF

 208F90

 7FE2E1

 007576

 9CFFFE

 005C5D

 B9FFFF

 004446

 D6FFFF

 002D2F

 F4FFFF

 00181B

 000000

 44AAAA

 44AAAA

 33AAAA

 55AAAA

■ 22AAAA

■ 66AAAA

■ 11AAAA

■ 77AAAA

■ 00AAAA

■ 88AAAA

■ 99AAAA

■ AAAAAA

■ BBAAAA

■ CCAAAA

■ DDAAAA

Harmonies

Analogous

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



60A98E



44AAAA



43A7C2

Triad

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



44AAAA



B28FC0



B99567

Complementary

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



44AAAA



AA4444

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.



CB8D75



44AAAA



C988A8

Square

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



44AAAA



8E99CF



D1878D



9E9E67

Rectangle

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



44AAAA



57A4CC



D1878D



C0926A

Sweetspot

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



44AAAA



B6DEDE



44AA44



587070



F0F0F0



707070

Same Dimension

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



44AAAA



3EDEDE



4477AA



4C5454



009494



001414

Inverse Universe

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



AA44AA



DE3EDE



AA7744



544C54



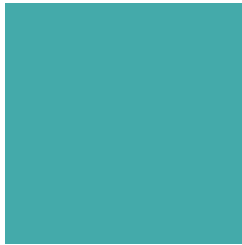
940094



140014

Previews

White Background



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

Color Contrast Check

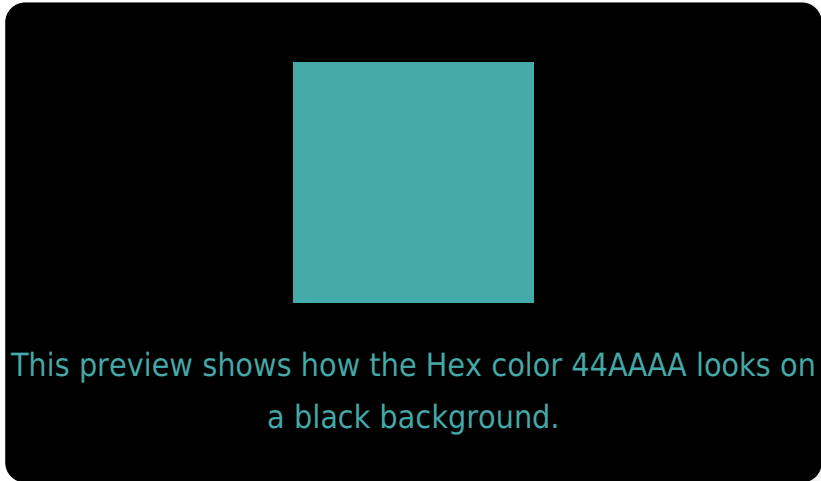
Large Text (above 18pt) WCAG AA × Fail

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 44AAAA Background



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

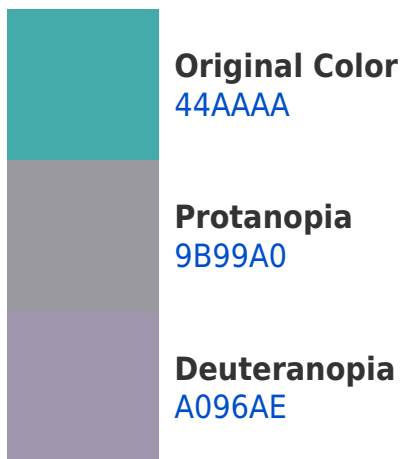


This preview shows how white text looks on a background with the Hex color 44AAAA.

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](#).

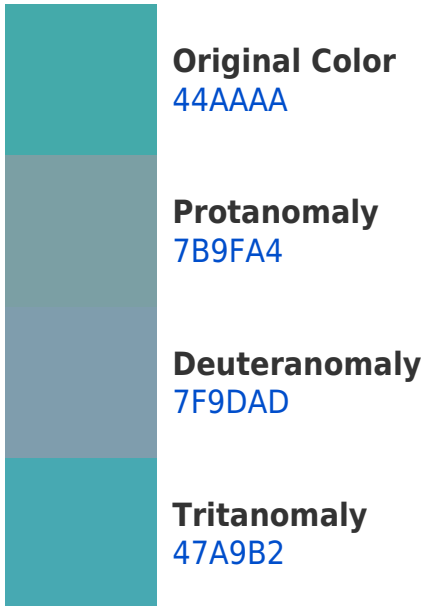
Dichromacy





Tritanopia
49A8B6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #44AAAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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