

Converting Colors

Hex(44AA80)

Have a look what the booklet for
Hex(44AA80) contains.

Hex(44AA80)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(44AA80)

Conversions

Conversions Part 1

Format	Color
Hex	44AA80
RGB	68, 170, 128
RGB Percent	27%, 67%, 50%
CMY	0.7333, 0.3333, 0.4980
CMYK	0.60, 0.00, 0.25, 0.33
HSL	155°, 43%, 47%
HSV	155°, 60%, 67%
XYZ	20.6549, 31.5369, 25.4207
YIQ	134.7140, -47.3100, -34.6860

Conversions

Conversions Part 2

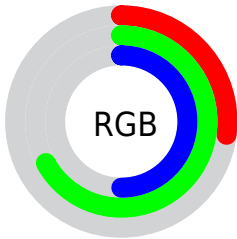
Format	Color
RYB	68, 132, 170
Decimal	4500096
CIELab	62.96, -39.73, 12.98
CIElCh	63, 41.799, 161.903
Yxy	31.5369, 0.2661, 0.4063
Android (android.graphics.Color)	4282690176 (0xFF44AA80)
YUV	134.7140, -3.3100, -58.5082
Hunter-Lab	56.1577, -32.6234, 12.4719

Details

The Hex color **44AA80** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA446E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7DE2B5**, and **00754F** is the 20% darker color. If you saturate the color by 10%, you get **33AA79**, and if you desaturate by 10%, it is **55AA87**.

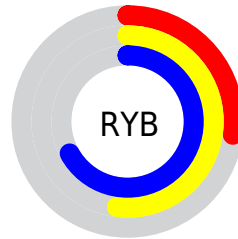
Distribution



Red (27%)

Green (67%)

Blue (50%)



Red (27%)

Yellow (52%)

Blue (67%)

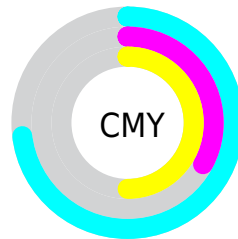


Cyan (60%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (73%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44AA80 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 44AA80 by changing the saturation by 10% instead.



44AA80



44AA80

FFFFFF



238F67



7DE2B5



00754F



9AFFD0



005C38



B6FFED



004322



D3FFFF



002C0D



F1FFFF



001200



000000



44AA80



44AA80



33AA79



55AA87

■ 22AA72

■ 66AA8E

■ 11AA6B

■ 77AA95

■ 00AA64

■ 88AA9C

■ 99AAA3

■ AAAAAA

■ BBAAB1

■ CCAAB8

■ DDAABF

Harmonies

Analogous

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



78A45F



44AA80



00ACA6

Triad

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



44AA80



7797E1



D98168

Complementary

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



44AA80



AA446E

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.



DF7A8B



44AA80



AF89D0

Square

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



44AA80



1AA3DE



D27DB0



C28E51

Rectangle

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



44AA80



00ABBE



D27DB0



DD7E73

Sweetspot

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



44AA80



B6DECD



6EAA44



587066



F0F0F0



707070

Same Dimension

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



44AA80



3EDE9C



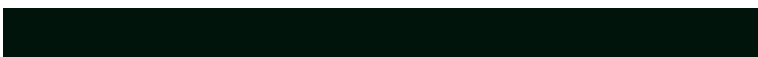
44A2AA



4C5451



009457



00140C

Inverse Universe

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



AA446E



DE3E80



AA4D44



544C4F



94003D



140008

Previews

White Background



This preview shows how the Hex color 44AA80 looks on a white background.

Color Contrast Check

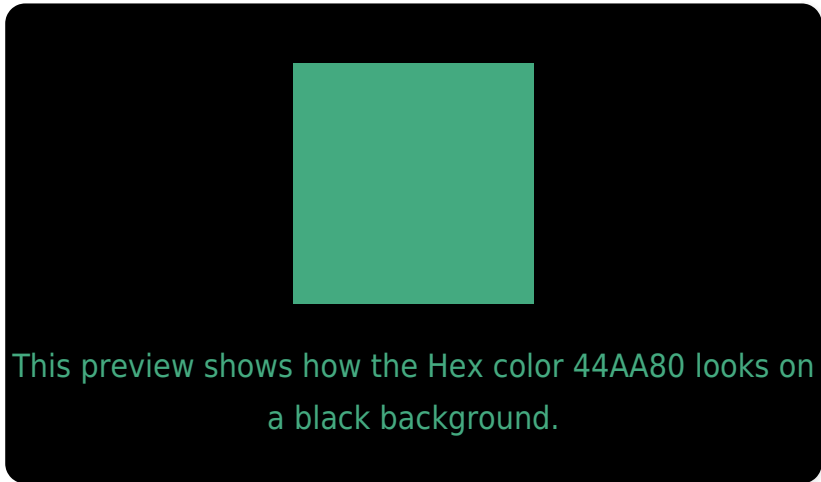
Large Text (above 18pt) WCAG AA × Fail

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

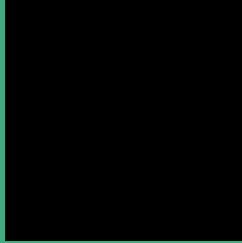
Any Text WCAG AA ✓ Pass

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 44AA80 Background



This preview shows how black text looks on a background with the Hex color 44AA80.

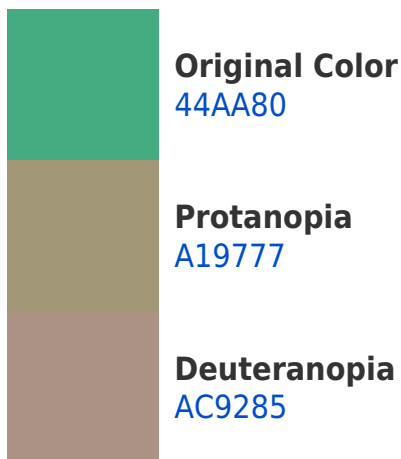


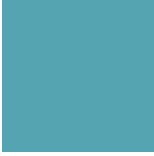
This preview shows how white text looks on a background with the Hex color 44AA80.

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
54A4B1

Trichromacy



Original Color
44AA80



Protanomaly
7F9E7A



Deuteranomaly
869B83



Tritanomaly
4EA69F

Monochromacy



Original Color
44AA80



Achromatopsia
878787



Achromatomaly
6F9484

CSS Examples

Text

The CSS property to change the color of the text to Hex 44AA80 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 #44AA80 looks like.

```
.text, #text, p{  
    color:#44AA80  
}
```

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 #44AA80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AA80
}
```

Border

The CSS property to change the border of an element to Hex 44AA80 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
#44AA80 }
```

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

```
.border{ border-color:#44AA80 }
```

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

Here you see how a box with a 4 pixel #44AA80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AA80; -webkit-box-shadow:4px 4px  
4px 4px #44AA80; box-shadow:4px 4px 4px  
4px #44AA80 }
```

Background

The CSS property to change the background color of an element to Hex 44AA80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AA80 }
```

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

```
.background{ background-color:#44AA80 }
```

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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