

Converting Colors

Hex(44AA74)

Have a look what the booklet for
Hex(44AA74) contains.

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Color

Hex(44AA74)

Conversions

Conversions Part 1

Format	Color
Hex	44AA74
RGB	68, 170, 116
RGB Percent	27%, 67%, 45%
CMY	0.7333, 0.3333, 0.5451
CMYK	0.60, 0.00, 0.32, 0.33
HSL	148°, 43%, 47%
HSV	148°, 60%, 67%
XYZ	19.9110, 31.2393, 21.5034
YIQ	133.3460, -43.4580, -38.4180

Conversions

Conversions Part 2

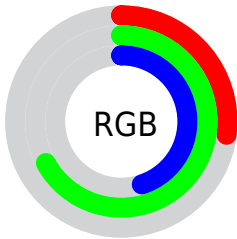
Format	Color
RYB	68, 137, 170
Decimal	4500084
CIELab	62.71, -42.31, 19.24
CIElCh	63, 46.478, 155.552
Yxy	31.2393, 0.2741, 0.4300
Android (android.graphics.Color)	4282690164 (0xFF44AA74)
YUV	133.3460, -8.5516, -57.3084
Hunter-Lab	55.8922, -34.2225, 16.3139

Details

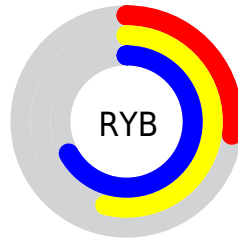
The Hex color **44AA74** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA447A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7DE2A8**, and **007543** is the 20% darker color. If you saturate the color by 10%, you get **33AA6B**, and if you desaturate by 10%, it is **55AA7D**.

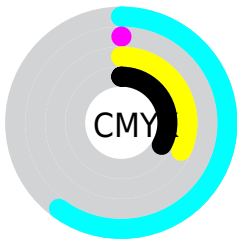
Distribution



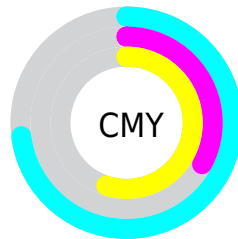
- Red (27%)
- Green (67%)
- Blue (45%)



- Red (27%)
- Yellow (54%)
- Blue (67%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44AA74 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 44AA74 by changing the saturation by 10% instead.



44AA74



44AA74

FFFFFF



248F5B



7DE2A8



007543



99FFC4



005B2D



B6FFE0



004317



D3FFFC



002C00



F0FFFF



001100



000000



44AA74



44AA74



33AA6B



55AA7D

■ 22AA62

■ 66AA86

■ 11AA59

■ 77AA8F

■ 00AA50

■ 88AA98

■ 99AAA1

■ AAAAAA

■ BBAAB3

■ CCAABC

■ DDAAC5

Harmonies

Analogous

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



7DA352



44AA74



00AD9E

Triad

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



44AA74



5E99EA



E17B6A

Complementary

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



44AA74



AA447A

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.



E47592



44AA74



A58ADB

Square

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



44AA74



00A5E2



D17BBB



CB894C

Rectangle

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



44AA74



00ACBA



D17BBB



E57876

Sweetspot

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



44AA74



B6DEC9



7AAA44



587063



F0F0F0



707070

Same Dimension

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



44AA74



3EDE89



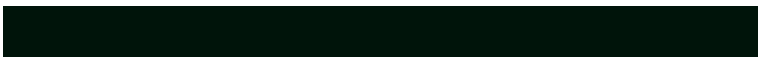
44AAA7



4C5450



009446



00140A

Inverse Universe

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



AA447A



DE3E93



AA4447



544C50



94004E



14000B

Previews

White Background



This preview shows how the Hex color 44AA74 looks on a white background.

Color Contrast Check

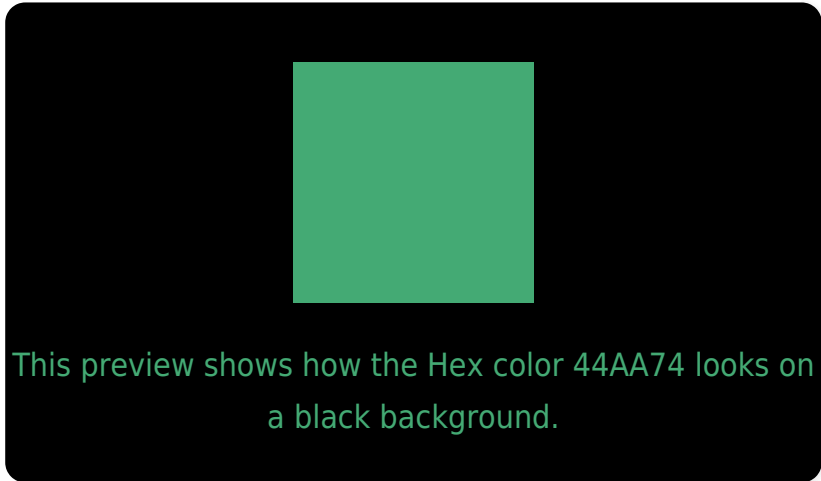
Large Text (above 18pt) WCAG AA × Fail

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

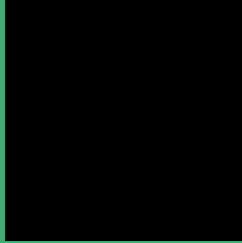
Any Text WCAG AA ✓ Pass

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 44AA74 Background



This preview shows how black text looks on a background with the Hex color 44AA74.

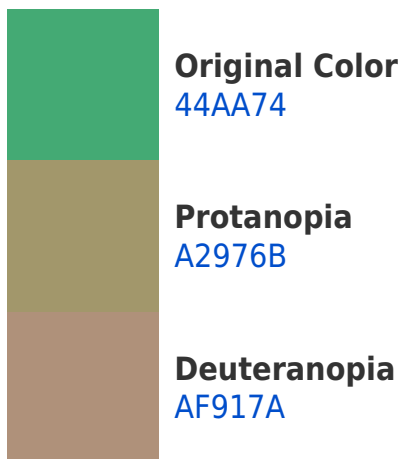


This preview shows how white text looks on a background with the Hex color 44AA74.

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](#).

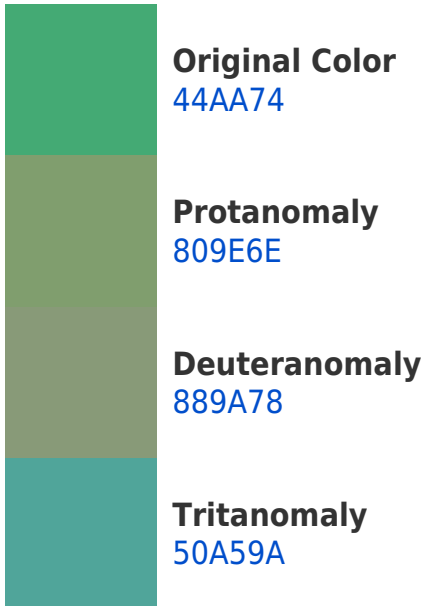
Dichromacy



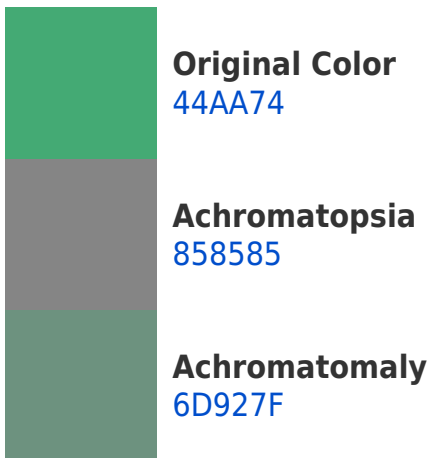


Tritanopia
57A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44AA74 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 #44AA74 looks like.

```
.text, #text, p{  
    color:#44AA74  
}
```

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 #44AA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AA74
}
```

Border

The CSS property to change the border of an element to Hex 44AA74 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
#44AA74 }
```

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

```
.border{ border-color:#44AA74 }
```

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

Here you see how a box with a 4 pixel #44AA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AA74; -webkit-box-shadow:4px 4px  
4px 4px #44AA74; box-shadow:4px 4px 4px  
4px #44AA74 }
```

Background

The CSS property to change the background color of an element to Hex 44AA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AA74 }
```

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

```
.background{ background-color:#44AA74 }
```

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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