

# Converting Colors

Hex(44A584)

Have a look what the booklet for  
Hex(44A584) contains.

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**Color**

**Hex(44A584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44A584
RGB	68, 165, 132
RGB Percent	27%, 65%, 52%
CMY	0.7333, 0.3529, 0.4824
CMYK	0.59, 0.00, 0.20, 0.35
HSL	160°, 42%, 46%
HSV	160°, 59%, 65%
XYZ	20.0039, 29.8052, 26.5285
YIQ	132.2350, -47.2190, -30.8270

# Conversions

## Conversions Part 2

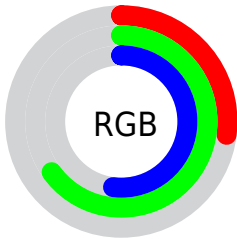
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 126, 165
Decimal	4498820
CIELab	61.49, -36.58, 8.68
CIELCh	61, 37.592, 166.648
Yxy	29.8052, 0.2620, 0.3904
Android (android.graphics.Color)	4282688900 (0xFF44A584)
YUV	132.2350, -0.1159, -56.3341
Hunter-Lab	54.5941, -30.1353, 9.4056

# Details

The Hex color **44A584** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A54465**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7DDDB9**, and **007053** is the 20% darker color. If you saturate the color by 10%, you get **33A57E**, and if you desaturate by 10%, it is **54A58A**.

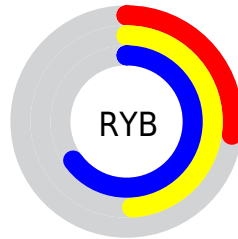
# Distribution



Red (27%)

Green (65%)

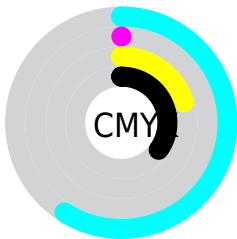
Blue (52%)



Red (27%)

Yellow (49%)

Blue (65%)

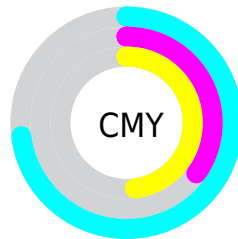


Cyan (59%)

Magenta (0%)

Yellow (20%)

Black (35%)



Cyan (73%)

Magenta (35%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44A584 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 44A584 by changing the saturation by 10% instead.





44A584



44A584

FFFFFF



248A6B



7DDDB9



007053



99F9D5



00573B



B5FFF1



003F26



D2FFFF



002911



F0FFFF



000A00



000000



44A584



44A584



33A57E



54A58A

 23A579

 65A58F

 13A573

 76A595

 02A56E

 86A59A

 00A56D

 96A5A0

 A7A5A6

 B7A5AB

 C8A5B1

 D8A5B7

# Harmonies

## Analogous

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



72A066



44A584



00A6A6

# Triad

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



44A584



8191D4



CD8266

# Complementary

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



44A584



A54465

# 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.



D57B83



44A584



AF85C2

# Square

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



44A584



439CD5



CB7CA5



B78D54

# Rectangle

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



44A584



00A5BB



CB7CA5



D17F6E



# Sweetspot

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



44A584



B0D6C9



66A544



546B63



EBEBEB



6B6B6B



# Same Dimension

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



44A584



3ED6A2



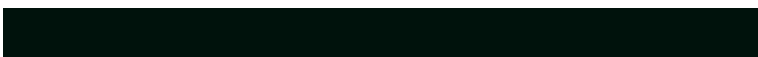
4496A5



49524F



009160



00120C



# Inverse Universe

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



A54465



D63E72



A55344



52494C



910031

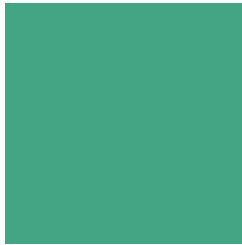


120006



# Previews

## White Background



This preview shows how the Hex color 44A584 looks on a white background.

## Color Contrast Check

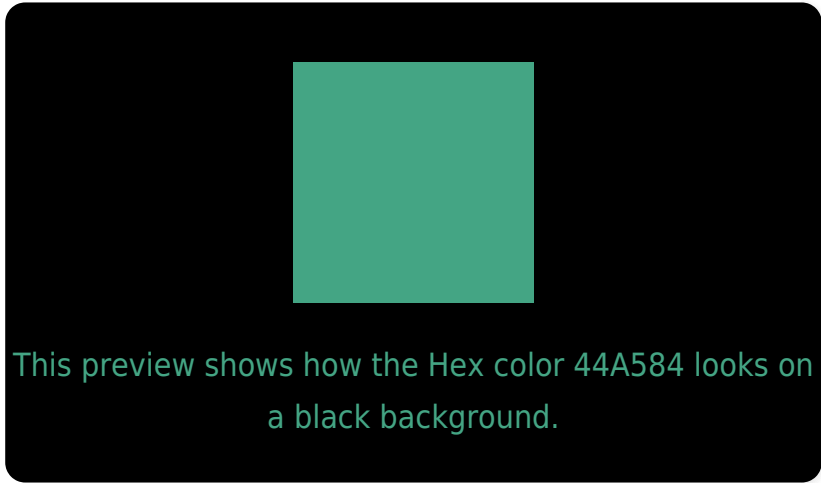
Large Text (above 18pt) WCAG AA ✓ Pass

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

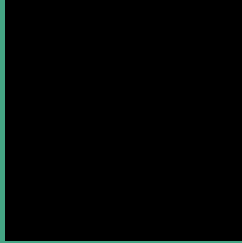
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44A584 Background



This preview shows how black text looks on a background with the Hex color 44A584.

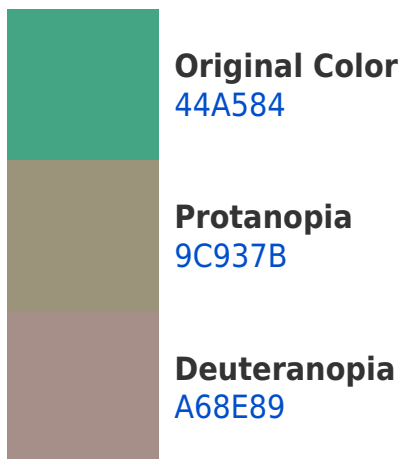


This preview shows how white text looks on a background with the Hex color 44A584.

# 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





# Trichromacy



**Original Color**

44A584



**Protanomaly**

7C9A7E



**Deuteranomaly**

829687



**Tritanomaly**

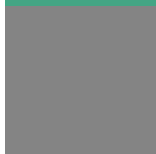
4DA19D

# Monochromacy



**Original Color**

44A584



**Achromatopsia**

848484



**Achromatomaly**

6D9084

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44A584 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 #44A584 looks like.

```
.text, #text, p{  
    color:#44A584  
}
```

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 #44A584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A584
}
```

## Border

The CSS property to change the border of an element to Hex 44A584 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
#44A584 }
```

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

```
.border{ border-color:#44A584 }
```

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

Here you see how a box with a 4 pixel #44A584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A584; -webkit-box-shadow:4px 4px  
4px 4px #44A584; box-shadow:4px 4px 4px  
4px #44A584 }
```

# Background

The CSS property to change the background color of an element to Hex 44A584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A584 }
```

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

```
.background{ background-color:#44A584 }
```

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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