

Converting Colors

Hex(44A76C)

Have a look what the booklet for
Hex(44A76C) contains.

Hex(44A76C)	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(44A76C)

Conversions

Conversions Part 1

Format	Color
Hex	44A76C
RGB	68, 167, 108
RGB Percent	27%, 65%, 42%
CMY	0.7333, 0.3451, 0.5765
CMYK	0.59, 0.00, 0.35, 0.35
HSL	144°, 42%, 46%
HSV	144°, 59%, 65%
XYZ	18.9094, 29.9491, 18.9715
YIQ	130.6730, -40.0650, -39.3370

Conversions

Conversions Part 2

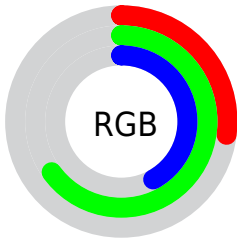
Format	Color
RYB	68, 139, 167
Decimal	4499308
CIELab	61.61, -42.64, 22.10
CIElCh	62, 48.028, 152.597
Yxy	29.9491, 0.2788, 0.4415
Android (android.graphics.Color)	4282689388 (0xFF44A76C)
YUV	130.6730, -11.1778, -54.9642
Hunter-Lab	54.7258, -34.0930, 17.7543

Details

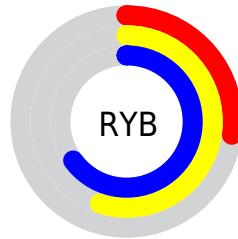
The Hex color **44A76C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A7447F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7DDFA0**, and **00723C** is the 20% darker color. If you saturate the color by 10%, you get **33A762**, and if you desaturate by 10%, it is **55A776**.

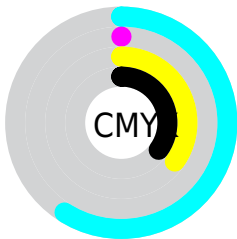
Distribution



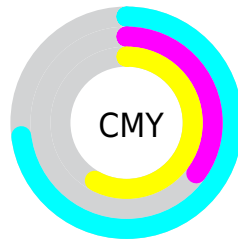
- Red (27%)
- Green (65%)
- Blue (42%)



- Red (27%)
- Yellow (55%)
- Blue (65%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44A76C 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 44A76C by changing the saturation by 10% instead.



44A76C



44A76C

FFFFFF



248C53



7DDFA0



00723C



99FCBB



005925



B5FFD7



004010



D2FFF3



002A00



F0FFFF



000B00



000000



44A76C



44A76C




33A762



55A776

 23A758

 65A780

 12A74E

 76A78A

 01A744

 87A794

 00A743

 97A79E

 A8A7A8

 B9A7B2

 CAA7BC

 DAA7C6

Harmonies

Analogous

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



7EA04A



44A76C



00AA97

Triad

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



44A76C



4C98EA



E17669

Complementary

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



44A76C



A7447F

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.



E27093



44A76C



9C88DD

Square

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



44A76C



00A3E0



CC78BD



CC8449

Rectangle

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



44A76C



00AAB4



CC78BD



E47276

Sweetspot

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



44A76C



B2D9C1



7FA744



566E5F



EDEDED



6E6E6E

Same Dimension

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



44A76C



3FD97D



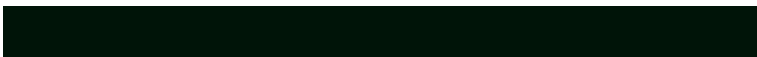
44A79D



4C544F



00943C



001408

Inverse Universe

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



A7447F



D93F9B



A7444E



544C51



940058



14000C

Previews

White Background



This preview shows how the Hex color 44A76C looks on a white background.

Color Contrast Check

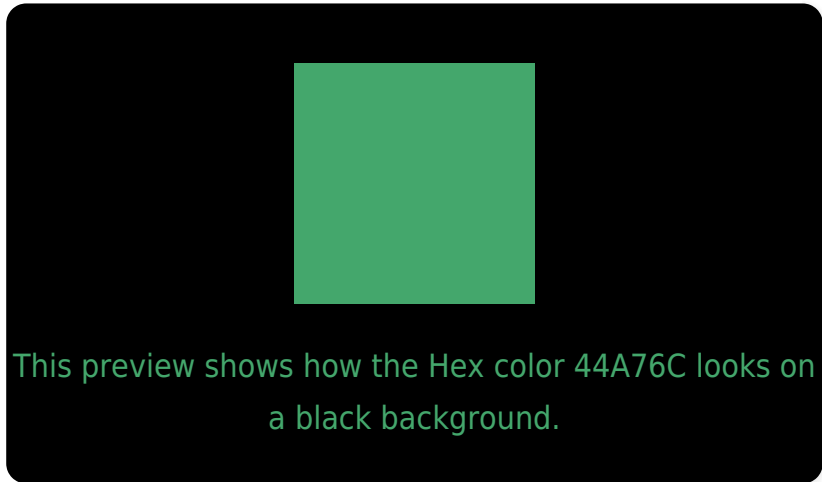
Large Text (above 18pt) WCAG AA ✓ Pass

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 44A76C Background



This preview shows how black text looks on a background with the Hex color 44A76C.

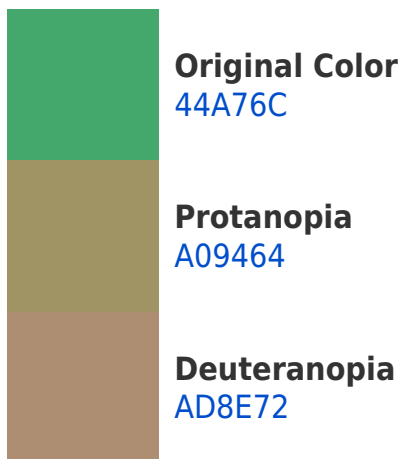


This preview shows how white text looks on a background with the Hex color 44A76C.

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
44A76C



Protanomaly
7F9B67



Deuteranomaly
879770



Tritanomaly
50A295

Monochromacy



Original Color
44A76C



Achromatopsia
838383



Achromatomaly
6C907B

CSS Examples

Text

The CSS property to change the color of the text to Hex 44A76C 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 #44A76C looks like.

```
.text, #text, p{  
    color:#44A76C  
}
```

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 #44A76C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A76C
}
```

Border

The CSS property to change the border of an element to Hex 44A76C 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
#44A76C }
```

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

```
.border{ border-color:#44A76C }
```

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

Here you see how a box with a 4 pixel #44A76C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A76C; -webkit-box-shadow:4px 4px  
4px 4px #44A76C; box-shadow:4px 4px 4px  
4px #44A76C }
```

Background

The CSS property to change the background color of an element to Hex 44A76C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A76C }
```

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

```
.background{ background-color:#44A76C }
```

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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