

Converting Colors

Hex(44A676)

Have a look what the booklet for
Hex(44A676) contains.

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Color

Hex(44A676)

Conversions

Conversions Part 1

Format	Color
Hex	44A676
RGB	68, 166, 118
RGB Percent	27%, 65%, 46%
CMY	0.7333, 0.3490, 0.5373
CMYK	0.59, 0.00, 0.29, 0.35
HSL	151°, 42%, 46%
HSV	151°, 59%, 65%
XYZ	19.2901, 29.8094, 21.8766
YIQ	131.2260, -43.0000, -35.7040

Conversions

Conversions Part 2

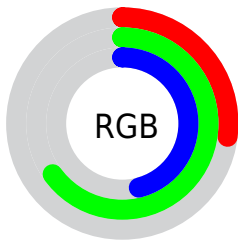
Format	Color
RYB	68, 133, 166
Decimal	4499062
CIELab	61.49, -40.17, 16.46
CIELCh	61, 43.414, 157.716
Yxy	29.8094, 0.2718, 0.4200
Android (android.graphics.Color)	4282689142 (0xFF44A676)
YUV	131.2260, -6.5204, -55.4492
Hunter-Lab	54.5980, -32.4802, 14.4619

Details

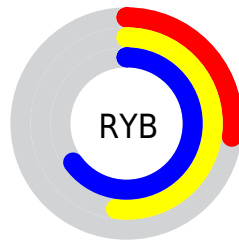
The Hex color **44A676** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A64474**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7DDEAA**, and **007145** is the 20% darker color. If you saturate the color by 10%, you get **33A66E**, and if you desaturate by 10%, it is **55A67E**.

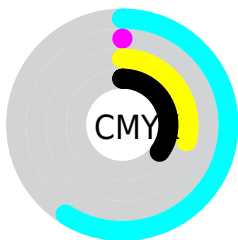
Distribution



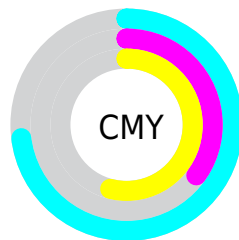
- Red (27%)
- Green (65%)
- Blue (46%)



- Red (27%)
- Yellow (52%)
- Blue (65%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44A676 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 44A676 by changing the saturation by 10% instead.

 44A676

 44A676

FFFFFF

 248B5D

 7DDEAA

 007145

 99FBC6

 00582F

 B5FFE2

 004019

 D2FFFE

 002A00

 EFFFFFFF

 000A00

 000000

 44A676

 44A676

 33A66E

 55A67E

■ 23A666

■ 65A686

■ 12A65E

■ 76A68E

■ 02A655

■ 86A697

■ 00A655

■ 97A69F

■ A8A6A7

■ B8A6AF

■ C9A6B7

■ D9A6BF

Harmonies

Analogous

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



79A056



44A676



00A89E

Triad

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



44A676



6795E0



D87B67

Complementary

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



44A676



A64474

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.



DD748C



44A676



A587D1

Square

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



44A676



00A0DB



CC79B2



C3884D

Rectangle

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



44A676



00A8B7



CC79B2



DC7873

Sweetspot

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



44A676



B2D9C6



75A644



566E62



EDEDED



6E6E6E

Same Dimension

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



44A676



3FD98D



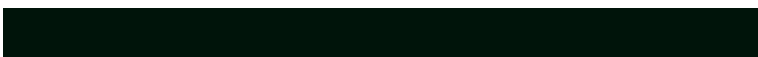
44A6A6



4C5450



00944B



00140A

Inverse Universe

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



A64474



D93F8A



A64444



544C50



940048



14000A

Previews

White Background



This preview shows how the Hex color 44A676 looks on a white background.

Color Contrast Check

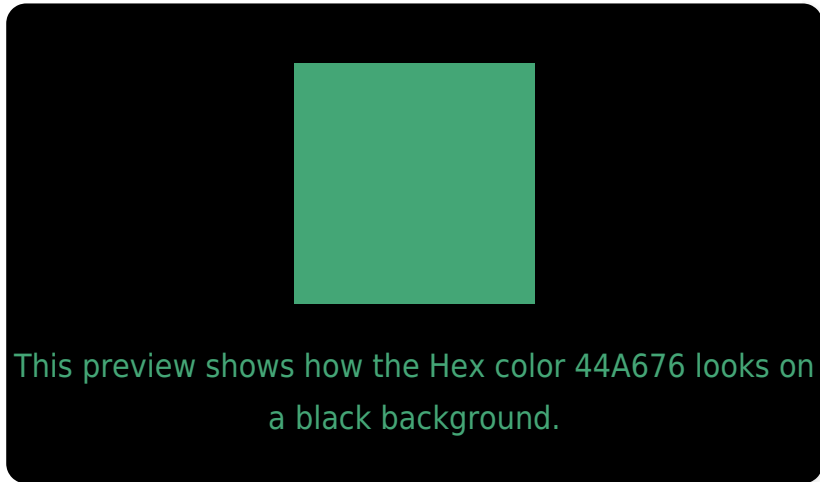
Large Text (above 18pt) WCAG AA ✓ Pass

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

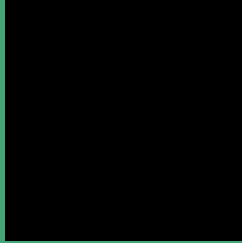
Any Text WCAG AA ✓ Pass

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 44A676 Background



This preview shows how black text looks on a background with the Hex color 44A676.

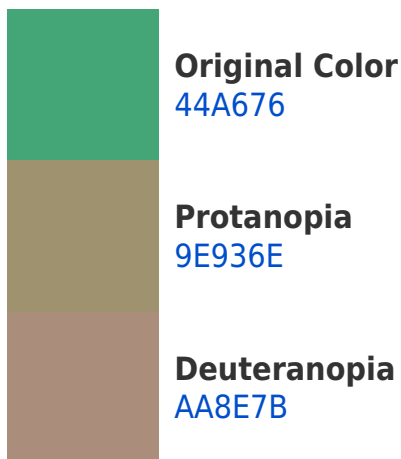


This preview shows how white text looks on a background with the Hex color 44A676.

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

44A676



Protanomaly

7D9A71



Deuteranomaly

859779



Tritanomaly

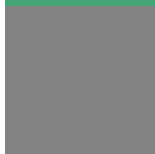
4FA298

Monochromacy



Original Color

44A676



Achromatopsia

838383



Achromatomaly

6C907E

CSS Examples

Text

The CSS property to change the color of the text to Hex 44A676 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 #44A676 looks like.

```
.text, #text, p{  
    color:#44A676  
}
```

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 #44A676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A676
}
```

Border

The CSS property to change the border of an element to Hex 44A676 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
#44A676 }
```

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

```
.border{ border-color:#44A676 }
```

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

Here you see how a box with a 4 pixel #44A676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A676; -webkit-box-shadow:4px 4px  
4px 4px #44A676; box-shadow:4px 4px 4px  
4px #44A676 }
```

Background

The CSS property to change the background color of an element to Hex 44A676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A676 }
```

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

```
.background{ background-color:#44A676 }
```

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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