

Converting Colors

Hex(44874A)

Have a look what the booklet for
Hex(44874A) contains.

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Color

Hex(44874A)

Conversions

Conversions Part 1

Format	Color
Hex	44874A
RGB	68, 135, 74
RGB Percent	27%, 53%, 29%
CMY	0.7333, 0.4706, 0.7098
CMYK	0.50, 0.00, 0.45, 0.47
HSL	125°, 33%, 40%
HSV	125°, 50%, 53%
XYZ	12.2839, 19.0513, 9.5084
YIQ	108.0130, -20.3510, -33.1750

Conversions

Conversions Part 2

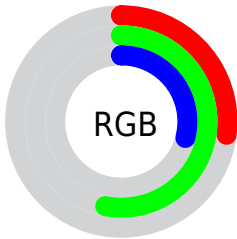
Format	Color
RYB	68, 129, 135
Decimal	4491082
CIELab	50.75, -34.91, 26.35
CIELCh	51, 43.736, 142.953
Yxy	19.0513, 0.3008, 0.4664
Android (android.graphics.Color)	4282681162 (0xFF44874A)
YUV	108.0130, -16.7684, -35.0914
Hunter-Lab	43.6478, -26.1480, 17.6375

Details

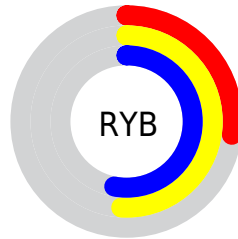
The Hex color **44874A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **874481**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **79BD7C**, and **08541C** is the 20% darker color. If you saturate the color by 10%, you get **37873E**, and if you desaturate by 10%, it is **528756**.

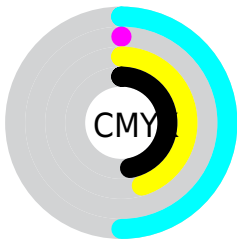
Distribution



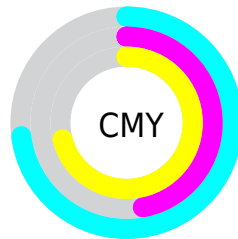
- Red (27%)
- Green (53%)
- Blue (29%)



- Red (27%)
- Yellow (51%)
- Blue (53%)



- Cyan (50%)
- Magenta (0%)
- Yellow (45%)
- Black (47%)



- Cyan (73%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44874A 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 44874A by changing the saturation by 10% instead.



44874A



44874A

FFFFFF



296D33



79BD7C



08541C



94D996



003D04



AFF6B1



002700



CBFFCC



000500



E8FFE9



000000



44874A



44874A



37873E



528756



298731



5F8763

■ 1C8725

■ 6D876F

■ 0E8719

■ 7A877B

■ 01870D

■ 888787

■ 00870C

■ 958794

■ A387A0

■ B087AC

■ BE87B9

Harmonies

Analogous

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



727F30



44874A



008B6E

Triad

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



44874A



007FC3



BE5A5E

Complementary

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



44874A



874481

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.



B95983



44874A



6C73BE

Square

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



44874A



0088B4



9E63A6



B0663E

Rectangle

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



44874A



008B88



9E63A6



BE586A

Sweetspot

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



44874A



96B098



818744



49594B



D9D9D9



595959

Same Dimension

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



44874A



46B050



44876B



3C423C



00820C



000300

Inverse Universe

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



874481



B046A6



874460



423C42



820076



030002

Previews

White Background



This preview shows how the Hex color 44874A looks on a white background.

Color Contrast Check

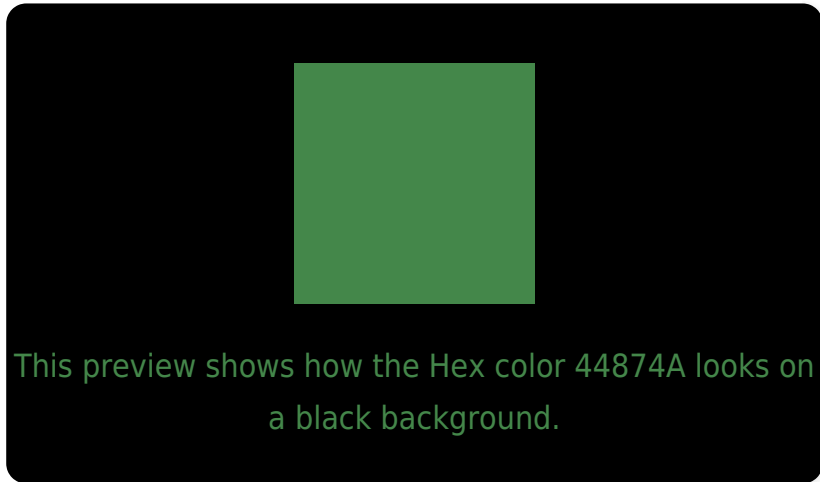
Large Text (above 18pt) WCAG AA ✓ Pass

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 44874A Background



This preview shows how black text looks on a background with the Hex color 44874A.



This preview shows how white text looks on a background with the Hex color 44874A.

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



Original Color
44874A

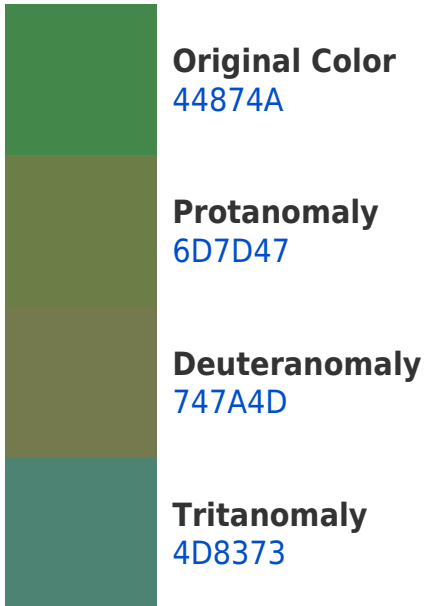
Protanopia
847845

Deuteranopia
90734F

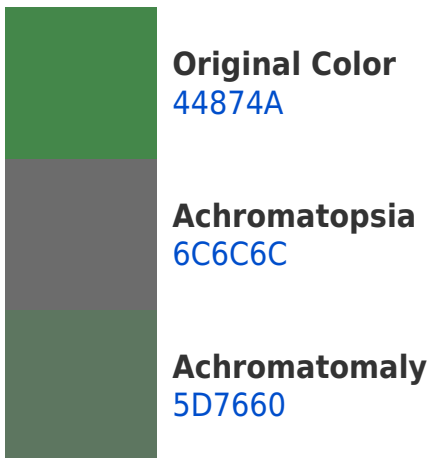


Tritanopia
52808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44874A 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 #44874A looks like.

```
.text, #text, p{  
    color:#44874A  
}
```

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 #44874A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44874A
}
```

Border

The CSS property to change the border of an element to Hex 44874A 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
#44874A }
```

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

```
.border{ border-color:#44874A }
```

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

Here you see how a box with a 4 pixel #44874A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44874A; -webkit-box-shadow:4px 4px  
4px 4px #44874A; box-shadow:4px 4px 4px  
4px #44874A }
```

Background

The CSS property to change the background color of an element to Hex 44874A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44874A }
```

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

```
.background{ background-color:#44874A }
```

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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