

Converting Colors

Hex(4C876A)

Have a look what the booklet for
Hex(4C876A) contains.

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Color

Hex(4C876A)

Conversions

Conversions Part 1

Format	Color
Hex	4C876A
RGB	76, 135, 106
RGB Percent	30%, 53%, 42%
CMY	0.7020, 0.4706, 0.5843
CMYK	0.44, 0.00, 0.21, 0.47
HSL	151°, 28%, 41%
HSV	151°, 44%, 53%
XYZ	14.2460, 19.9051, 16.7269
YIQ	114.0530, -25.8550, -21.5270

Conversions

Conversions Part 2

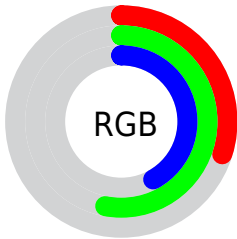
Format	Color
RYB	76, 115, 135
Decimal	5015402
CIELab	51.73, -26.34, 9.66
CIElCh	52, 28.058, 159.860
Yxy	19.9051, 0.2800, 0.3912
Android (android.graphics.Color)	4283205482 (0xFF4C876A)
YUV	114.0530, -3.9701, -33.3725
Hunter-Lab	44.6151, -21.0798, 9.0018

Details

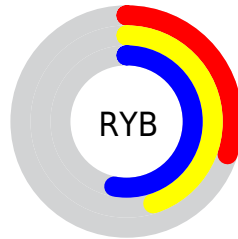
The Hex color **4C876A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **874C69**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **80BD9D**, and **18553B** is the 20% darker color. If you saturate the color by 10%, you get **3F8763**, and if you desaturate by 10%, it is **5A8771**.

Distribution



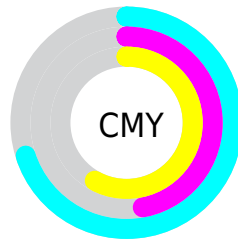
- Red (30%)
- Green (53%)
- Blue (42%)



- Red (30%)
- Yellow (45%)
- Blue (53%)



- Cyan (44%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C876A 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 4C876A by changing the saturation by 10% instead.



4C876A



4C876A

FFFFFF



336D52



80BD9D



18553B



9BD9B8



003D25



B6F5D4



002710



D2FFF0



000C00



FFFFFF



000000



4C876A



4C876A



3F8763



5A8771



31875D



678777

■ 248756

■ 75877E

■ 16874F

■ 828785

■ 098749

■ 90878B

■ 008745

■ 9D8792

■ AB8798

■ B8879F

■ C687A6

Harmonies

Analogous

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



698356



4C876A



2E8883

Triad

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



4C876A



667BAA



A76D5E

Complementary

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



4C876A



874C69

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.



AA6974



4C876A



8872A0

Square

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



4C876A



3F82A8



A06B8C



99744F

Rectangle

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



4C876A



208892



A06B8C



AA6B65

Sweetspot

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



4C876A



99B0A5



6A874C



4B5952



D9D9D9



595959

Same Dimension

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



4C876A



54B083



4C8787



3C423F



008242



000301

Inverse Universe

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



874C69



B05481



874C4C



423C3F



820040



030001

Previews

White Background



This preview shows how the Hex color 4C876A looks on a white background.

Color Contrast Check

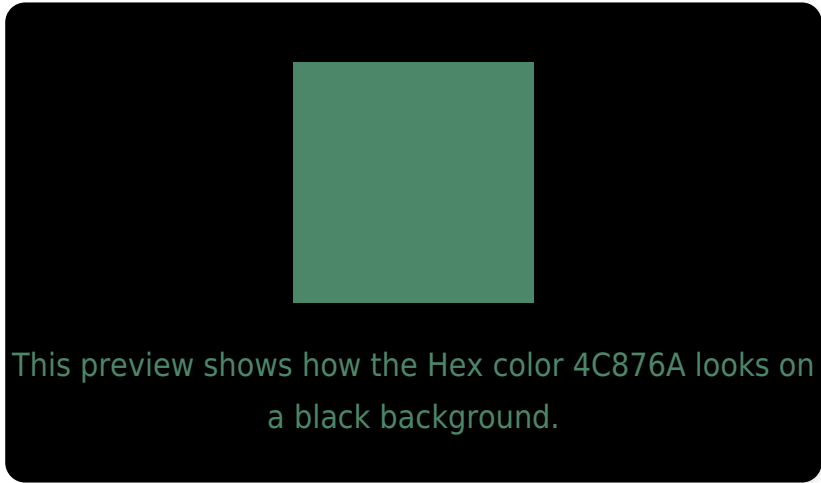
Large Text (above 18pt) WCAG AA ✓ Pass

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

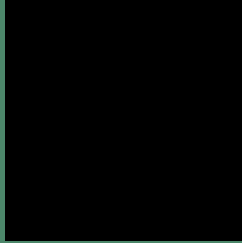
Any Text WCAG AA ✓ Pass

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 4C876A Background



This preview shows how black text looks on a background with the Hex color 4C876A.

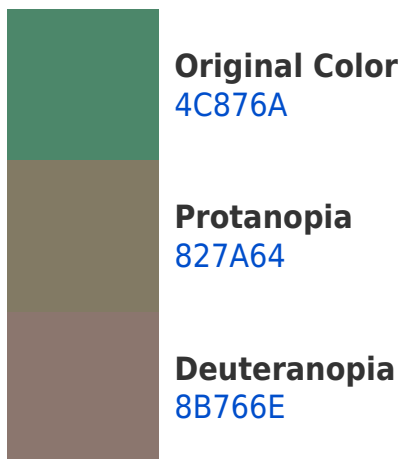



This preview shows how white text looks on a background with the Hex color 4C876A.

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
55828D

Trichromacy



Original Color
4C876A

Protanomaly
6E7F66

Deuteranomaly
747C6D

Tritanomaly
528480

Monochromacy



Original Color
4C876A

Achromatopsia
727272

Achromatomaly
647A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C876A 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 #4C876A looks like.

```
.text, #text, p{  
    color:#4C876A  
}
```

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 #4C876A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C876A
}
```

Border

The CSS property to change the border of an element to Hex 4C876A 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
#4C876A }
```

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

```
.border{ border-color:#4C876A }
```

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

Here you see how a box with a 4 pixel #4C876A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C876A; -webkit-box-shadow:4px 4px  
4px 4px #4C876A; box-shadow:4px 4px 4px  
4px #4C876A }
```

Background

The CSS property to change the background color of an element to Hex 4C876A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C876A }
```

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

```
.background{ background-color:#4C876A }
```

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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