

Converting Colors

Hex(4A8776)

Have a look what the booklet for
Hex(4A8776) contains.

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Color

Hex(4A8776)

Conversions

Conversions Part 1

Format	Color
Hex	4A8776
RGB	74, 135, 118
RGB Percent	29%, 53%, 46%
CMY	0.7098, 0.4706, 0.5373
CMYK	0.45, 0.00, 0.13, 0.47
HSL	163°, 29%, 41%
HSV	163°, 45%, 53%
XYZ	14.7580, 20.0918, 20.2398
YIQ	114.8230, -30.8990, -18.2190

Conversions

Conversions Part 2

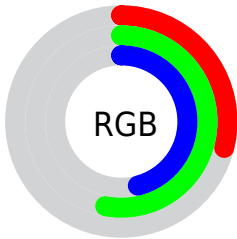
Format	Color
RYB	74, 109, 135
Decimal	4884342
CIELab	51.94, -24.11, 3.00
CIElCh	52, 24.293, 172.913
Yxy	20.0918, 0.2679, 0.3647
Android (android.graphics.Color)	4283074422 (0xFF4A8776)
YUV	114.8230, 1.5663, -35.8018
Hunter-Lab	44.8239, -19.6716, 4.6048

Details

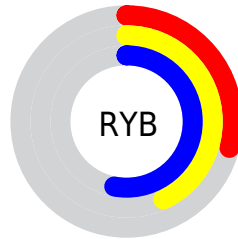
The Hex color **4A8776** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **874A5B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7EBDAA**, and **145546** is the 20% darker color. If you saturate the color by 10%, you get **3D8772**, and if you desaturate by 10%, it is **58877A**.

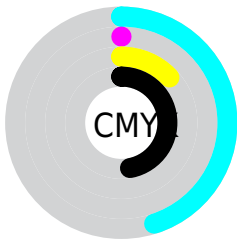
Distribution



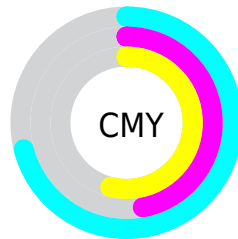
- Red (29%)
- Green (53%)
- Blue (46%)



- Red (29%)
- Yellow (43%)
- Blue (53%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (71%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A8776 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 4A8776 by changing the saturation by 10% instead.



4A8776



4A8776

FFFFFF



306D5D



7EBDAA



145546



99D8C5



003D30



B5F5E1



00271B



D1FFFE



000D00



EEFFFF



000000



4A8776



4A8776



3D8772



58877A



2F876E



65877E

■ 21876B

■ 738781

■ 148767

■ 808785

■ 068763

■ 8E8789

■ 008761

■ 9B878D

■ A98790

■ B68794

■ C48798

Harmonies

Analogous

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



628462



4A8776



39878B

Triad

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



4A8776



7878A2



9E725B

Complementary

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



4A8776



874A5B

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.



A56D6D



4A8776



927195

Square

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



4A8776



597FA5



A16D82



8F7953

Rectangle

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



4A8776



3A8697



A16D82



A27060

Sweetspot

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



4A8776



97B0A9



5B874A



4A5955



D9D9D9



595959

Same Dimension

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



4A8776



51B095



4A7A87



3C4240



00825E



000302

Inverse Universe

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



874A5B



B0516B



87574A



423C3E



820024



030001

Previews

White Background



This preview shows how the Hex color 4A8776 looks on a white background.

Color Contrast Check

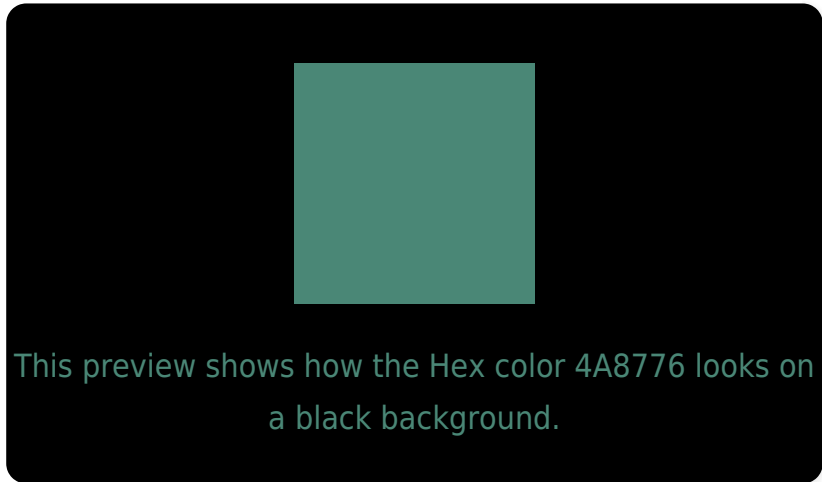
Large Text (above 18pt) WCAG AA ✓ Pass

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

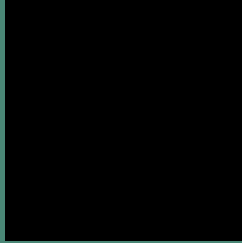
Any Text WCAG AA ✓ Pass

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 4A8776 Background



This preview shows how black text looks on a background with the Hex color 4A8776.

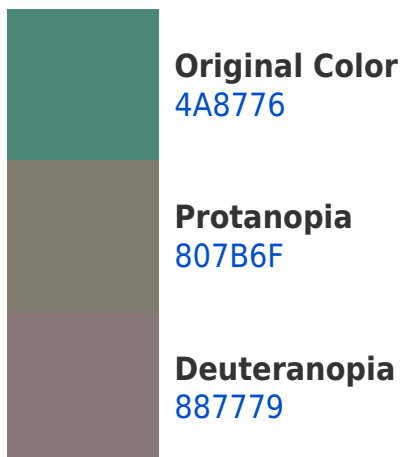


This preview shows how white text looks on a background with the Hex color 4A8776.

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
51848E

Trichromacy



Original Color
4A8776

Protanomaly
6C7F72

Deuteranomaly
717D78

Tritanomaly
4E8585

Monochromacy



Original Color
4A8776

Achromatopsia
737373

Achromatomaly
647A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A8776 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 #4A8776 looks like.

```
.text, #text, p{  
    color:#4A8776  
}
```

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 #4A8776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8776  
}
```

Border

The CSS property to change the border of an element to Hex 4A8776 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  
#4A8776 }
```

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

```
.border{ border-color:#4A8776 }
```

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

Here you see how a box with a 4 pixel #4A8776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8776; -webkit-box-shadow:4px 4px  
4px 4px #4A8776; box-shadow:4px 4px 4px  
4px #4A8776 }
```

Background

The CSS property to change the background color of an element to Hex 4A8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8776 }
```

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

```
.background{ background-color:#4A8776 }
```

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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