

Converting Colors

Hex(48AA86)

Have a look what the booklet for
Hex(48AA86) contains.

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Color

Hex(48AA86)

Conversions

Conversions Part 1

Format	Color
Hex	48AA86
RGB	72, 170, 134
RGB Percent	28%, 67%, 53%
CMY	0.7176, 0.3333, 0.4745
CMYK	0.58, 0.00, 0.21, 0.33
HSL	158°, 40%, 47%
HSV	158°, 58%, 67%
XYZ	21.3503, 31.8484, 27.5763
YIQ	136.5940, -46.8520, -31.9720

Conversions

Conversions Part 2

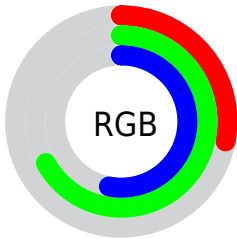
Format	Color
RYB	72, 132, 170
Decimal	4762246
CIELab	63.22, -37.51, 10.04
CIELCh	63, 38.833, 165.011
Yxy	31.8484, 0.2643, 0.3943
Android (android.graphics.Color)	4282952326 (0xFF48AA86)
YUV	136.5940, -1.2788, -56.6489
Hunter-Lab	56.4344, -31.2300, 10.5324

Details

The Hex color **48AA86** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA486C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **81E2BB**, and **007554** is the 20% darker color. If you saturate the color by 10%, you get **37AA80**, and if you desaturate by 10%, it is **59AA8C**.

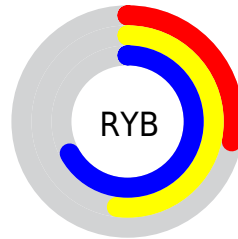
Distribution



Red (28%)

Green (67%)

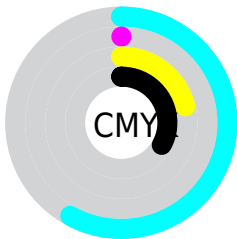
Blue (53%)



Red (28%)

Yellow (52%)

Blue (67%)

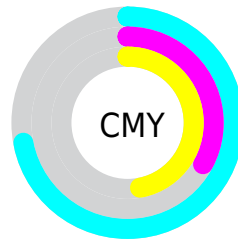


Cyan (58%)

Magenta (0%)

Yellow (21%)

Black (33%)



Cyan (72%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48AA86 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 48AA86 by changing the saturation by 10% instead.



48AA86



48AA86

FFFFFF



298F6D



81E2BB



007554



9DFFD7



005C3D



B9FFF3



004327



D6FFFF



002D13



F4FFFF



001300



000000



48AA86



48AA86



37AA80



59AA8C

■ 26AA7A

■ 6AAA92

■ 15AA73

■ 7BAA99

■ 04AA6D

■ 8CAA9F

■ 00AA6C

■ 9DAAA5

■ AEAAAB

■ BFAAB2

■ D0AAB8

■ E1AABE

Harmonies

Analogous

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



77A567



48AA86



00ABAA

Triad

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



48AA86



8297DC



D4856A

Complementary

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



48AA86



AA486C

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.



DC7E89



48AA86



B38ACA

Square

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



48AA86



3FA2DB



D180AC



BE9156

Rectangle

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



48AA86



00AAC0



D180AC



D98273

Sweetspot

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



48AA86



B8DED0



6EAA48



5A7068



F0F0F0



707070

Same Dimension

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



48AA86



45DEA6



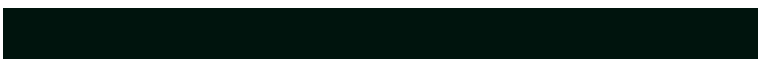
489FAA



4C5451



00945E



00140D

Inverse Universe

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



AA486C



DE457D



AA5348



544C4F



940036



140007

Previews

White Background



This preview shows how the Hex color 48AA86 looks on a white background.

Color Contrast Check

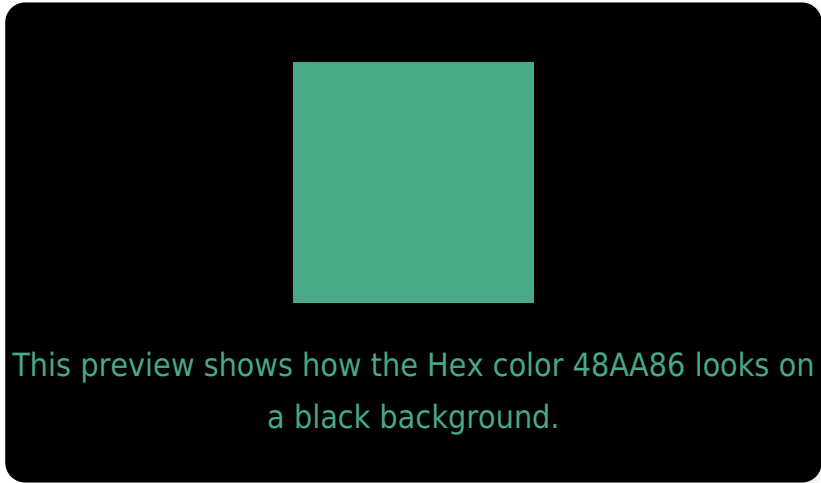
Large Text (above 18pt) WCAG AA × Fail

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

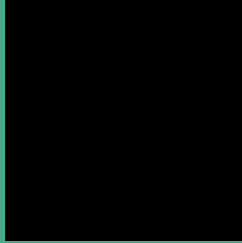
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 48AA86 Background



This preview shows how black text looks on a background with the Hex color 48AA86.

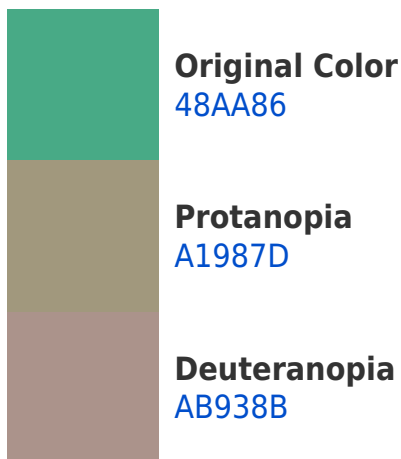


This preview shows how white text looks on a background with the Hex color 48AA86.

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



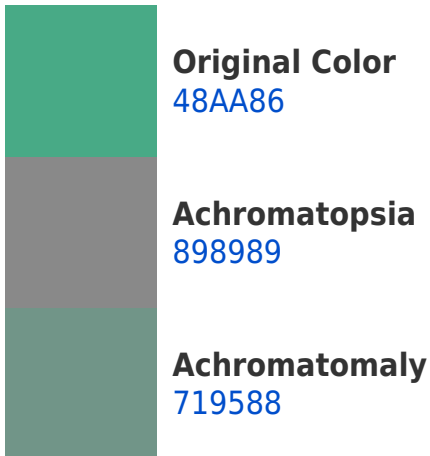


Tritanopia
56A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48AA86 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 #48AA86 looks like.

```
.text, #text, p{  
    color:#48AA86  
}
```

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 #48AA86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48AA86
}
```

Border

The CSS property to change the border of an element to Hex 48AA86 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
#48AA86 }
```

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

```
.border{ border-color:#48AA86 }
```

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

Here you see how a box with a 4 pixel #48AA86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48AA86; -webkit-box-shadow:4px 4px  
4px 4px #48AA86; box-shadow:4px 4px 4px  
4px #48AA86 }
```

Background

The CSS property to change the background color of an element to Hex 48AA86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48AA86 }
```

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

```
.background{ background-color:#48AA86 }
```

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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