

Converting Colors

Hex(46B88A)

Have a look what the booklet for
Hex(46B88A) contains.

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Color

Hex(46B88A)

Conversions

Conversions Part 1

Format	Color
Hex	46B88A
RGB	70, 184, 138
RGB Percent	27%, 72%, 54%
CMY	0.7255, 0.2784, 0.4588
CMYK	0.62, 0.00, 0.25, 0.28
HSL	156°, 45%, 50%
HSV	156°, 62%, 72%
XYZ	24.2537, 37.4180, 29.9889
YIQ	144.6700, -53.1780, -38.4740

Conversions

Conversions Part 2

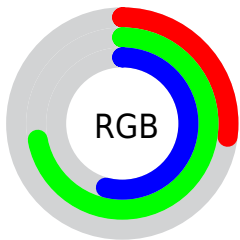
Format	Color
RYB	70, 141, 184
Decimal	4634762
CIELab	67.59, -43.16, 13.99
CIELCh	68, 45.372, 162.036
Yxy	37.4180, 0.2646, 0.4082
Android (android.graphics.Color)	4282824842 (0xFF46B88A)
YUV	144.6700, -3.2883, -65.4856
Hunter-Lab	61.1703, -36.2736, 13.7522

Details

The Hex color **46B88A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B84674**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **81F1C0**, and **008258** is the 20% darker color. If you saturate the color by 10%, you get **34B883**, and if you desaturate by 10%, it is **58B891**.

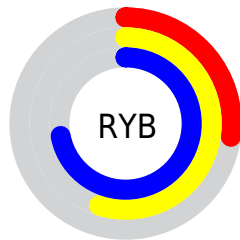
Distribution



Red (27%)

Green (72%)

Blue (54%)



Red (27%)

Yellow (55%)

Blue (72%)

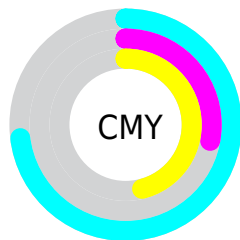


Cyan (62%)

Magenta (0%)

Yellow (25%)

Black (28%)



Cyan (73%)

Magenta (28%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B88A 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 46B88A by changing the saturation by 10% instead.



46B88A



46B88A

FFFFFF



239D70



81F1C0



008258



9EFFDB



006840



BBFFF8



004F2A



D8FFFF



003715



F6FFFF



002200



000000



46B88A



46B88A



34B883



58B891

■ 21B87B

■ 6BB899

■ 0FB874

■ 7DB8A0

■ 00B86E

■ 90B8A8

■ A2B8AF

■ B4B8B7

■ C7B8BE

■ D9B8C5

■ ECB8CD

Harmonies

Analogous

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



81B266



46B88A



00BAB4

Triad

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



46B88A



80A3F4



EB8B70

Complementary

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



46B88A



B84674

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.



F28396



46B88A



BE94E2

Square

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



46B88A



08B0F2



E487BF



D29A56

Rectangle

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



46B88A



00B9CF



E487BF



F0887B

Sweetspot

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



46B88A



C2F0DD



75B846



5C786D



F7F7F7



787878

Same Dimension

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



46B88A



3EF0A8



46AFB8



535C58



009C5D



001C11

Inverse Universe

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



B84674



F03E86



B85046



5C5356



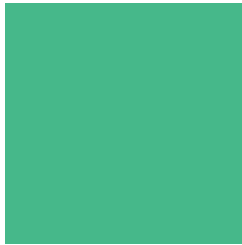
9C003F



1C000B

Previews

White Background



This preview shows how the Hex color 46B88A looks on a white background.

Color Contrast Check

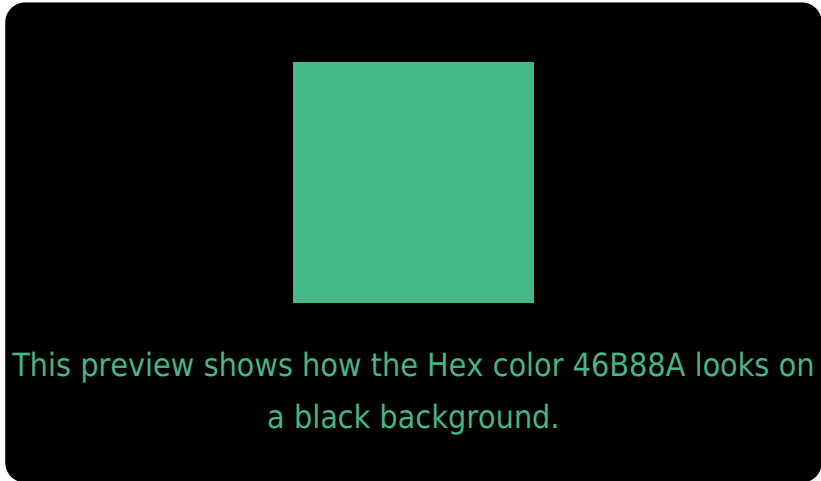
Large Text (above 18pt) WCAG AA × Fail

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 46B88A Background



This preview shows how black text looks on a background with the Hex color 46B88A.

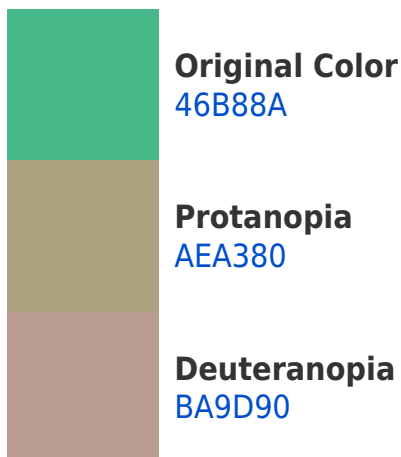


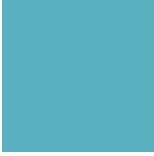
This preview shows how white text looks on a background with the Hex color 46B88A.

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
59B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B88A 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 #46B88A looks like.

```
.text, #text, p{  
    color:#46B88A  
}
```

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 #46B88A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B88A
}
```

Border

The CSS property to change the border of an element to Hex 46B88A 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
#46B88A }
```

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

```
.border{ border-color:#46B88A }
```

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

Here you see how a box with a 4 pixel #46B88A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B88A; -webkit-box-shadow:4px 4px  
4px 4px #46B88A; box-shadow:4px 4px 4px  
4px #46B88A }
```

Background

The CSS property to change the background color of an element to Hex 46B88A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B88A }
```

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

```
.background{ background-color:#46B88A }
```

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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