

Converting Colors

Hex(46A598)

Have a look what the booklet for
Hex(46A598) contains.

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Color

Hex(46A598)

Conversions

Conversions Part 1

Format	Color
Hex	46A598
RGB	70, 165, 152
RGB Percent	27%, 65%, 60%
CMY	0.7255, 0.3529, 0.4039
CMYK	0.58, 0.00, 0.08, 0.35
HSL	172°, 40%, 46%
HSV	172°, 58%, 65%
XYZ	21.6484, 30.4794, 34.4479
YIQ	135.1130, -52.4470, -24.1830

Conversions

Conversions Part 2

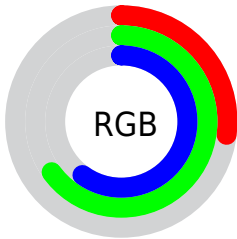
Format	Color
RYB	70, 121, 165
Decimal	4629912
CIELab	62.07, -31.14, -1.68
CIElCh	62, 31.184, 183.095
Yxy	30.4794, 0.2501, 0.3521
Android (android.graphics.Color)	4282819992 (0xFF46A598)
YUV	135.1130, 8.3253, -57.1041
Hunter-Lab	55.2081, -26.6201, 1.6509

Details

The Hex color **46A598** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A54653**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7FDCCE**, and **007165** is the 20% darker color. If you saturate the color by 10%, you get **36A596**, and if you desaturate by 10%, it is **56A59A**.

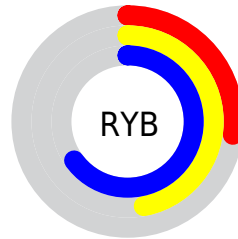
Distribution



Red (27%)

Green (65%)

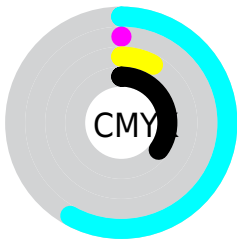
Blue (60%)



Red (27%)

Yellow (47%)

Blue (65%)

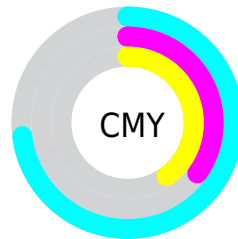


Cyan (58%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (73%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A598 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 46A598 by changing the saturation by 10% instead.

 46A598

 46A598

FFFFFF

 268A7E

 7FDCCE

 007165

 9BF9EA

 00584D

 B8FFFF

 004037

 D5FFFF

 002921

 F3FFFF

 000E0B

 000000

 46A598

 46A598

 36A596

 56A59A

■ 25A593

■ 67A59D

■ 15A591

■ 78A59F

■ 04A58F

■ 88A5A1

■ 00A58E

■ 99A5A3

■ A9A5A6

■ BAA5A8

■ CAA5AA

■ DAA5AC

Harmonies

Analogous

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



68A37C



46A598



32A4B3

Triad

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



46A598



9D8EC4



BD8C65

Complementary

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



46A598



A54653

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.



CB8479



46A598



BB85AF

Square

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



46A598



7498CD



CB8194



A6955E

Rectangle

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



46A598



3DA1C1



CB8194



C3896B

Sweetspot

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



46A598



B2D6D1



54A546



566B68



EBEBEB



6B6B6B

Same Dimension

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



46A598



42D6C2



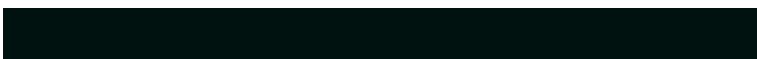
4684A5



495250



00917D



00120F

Inverse Universe

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



A54653



D64257



A56746



52494B



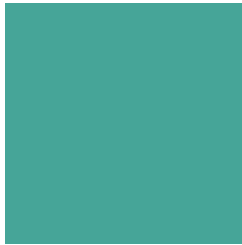
910014



120002

Previews

White Background



This preview shows how the Hex color 46A598 looks on a white background.

Color Contrast Check

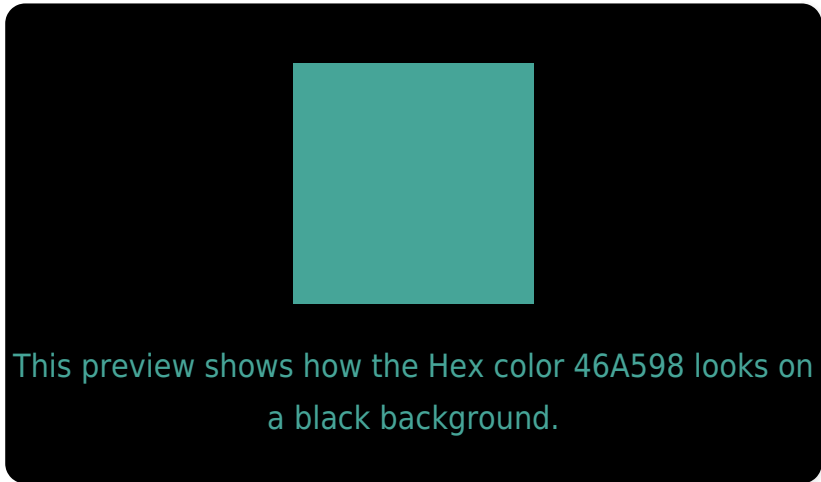
Large Text (above 18pt) WCAG AA × Fail

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

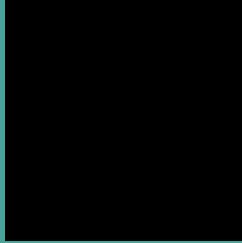
Any Text WCAG AA ✓ Pass

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 46A598 Background



This preview shows how black text looks on a background with the Hex color 46A598.

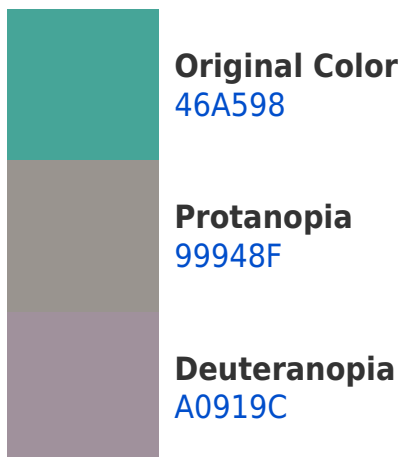


This preview shows how white text looks on a background with the Hex color 46A598.

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



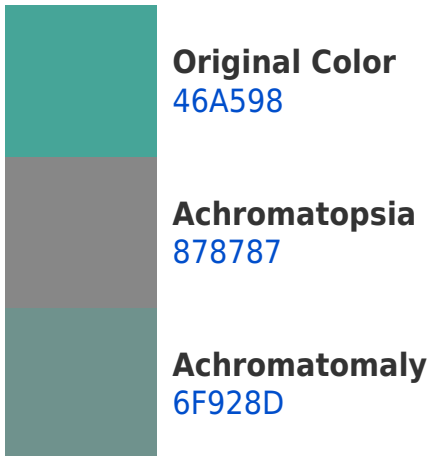


Tritanopia
4FA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A598 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 #46A598 looks like.

```
.text, #text, p{  
    color:#46A598  
}
```

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 #46A598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A598
}
```

Border

The CSS property to change the border of an element to Hex 46A598 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
#46A598 }
```

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

```
.border{ border-color:#46A598 }
```

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

Here you see how a box with a 4 pixel #46A598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A598; -webkit-box-shadow:4px 4px  
4px 4px #46A598; box-shadow:4px 4px 4px  
4px #46A598 }
```

Background

The CSS property to change the background color of an element to Hex 46A598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A598 }
```

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

```
.background{ background-color:#46A598 }
```

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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