

Converting Colors

Hex(46996A)

Have a look what the booklet for
Hex(46996A) contains.

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Color

Hex(46996A)

Conversions

Conversions Part 1

Format	Color
Hex	46996A
RGB	70, 153, 106
RGB Percent	27%, 60%, 42%
CMY	0.7255, 0.4000, 0.5843
CMYK	0.54, 0.00, 0.31, 0.40
HSL	146°, 37%, 44%
HSV	146°, 54%, 60%
XYZ	16.5185, 25.1252, 17.6147
YIQ	122.8250, -34.3810, -32.2130

Conversions

Conversions Part 2

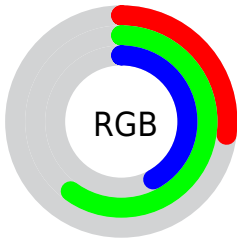
Format	Color
RYB	70, 128, 153
Decimal	4626794
CIELab	57.20, -36.48, 17.22
CIElCh	57, 40.340, 154.723
Yxy	25.1252, 0.2788, 0.4240
Android (android.graphics.Color)	4282816874 (0xFF46996A)
YUV	122.8250, -8.2947, -46.3275
Hunter-Lab	50.1250, -28.8946, 14.2521

Details

The Hex color **46996A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **994675**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7CD09E**, and **01653A** is the 20% darker color. If you saturate the color by 10%, you get **379961**, and if you desaturate by 10%, it is **559973**.

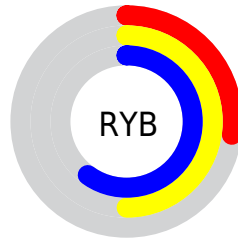
Distribution



Red (27%)

Green (60%)

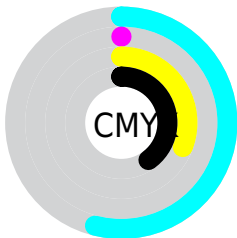
Blue (42%)



Red (27%)

Yellow (50%)

Blue (60%)

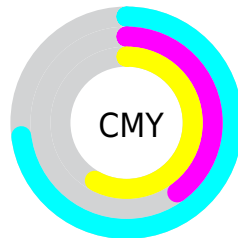


Cyan (54%)

Magenta (0%)

Yellow (31%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46996A 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 46996A by changing the saturation by 10% instead.



46996A



46996A

FFFFFF



297F52



7CD09E



01653A



98ECB9



004C24



B4FFD4



00350F



D1FFF1



002100



EEFFFF



000000



46996A



46996A



379961



559973



279959



65997B

■ 189950

■ 749984

■ 099947

■ 83998D

■ 009942

■ 939995

■ A2999E

■ B199A7

■ C099AF

■ D099B8

Harmonies

Analogous

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



74934E



46996A



009B8E

Triad

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



46996A



598BCF



C97163

Complementary

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



46996A



994675

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.



CB6C85



46996A



947EC3

Square

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



46996A



0095C8



B971A8



B77D4A

Rectangle

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



46996A



009BA6



B971A8



CC6E6E

Sweetspot

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



46996A



A7C7B5



759946



516359



E3E3E3



636363

Same Dimension

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



46996A



46C77E



469993



454D48



008C3D



000D06

Inverse Universe

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



994675



C7468F



99464C



4D4549



8C004F



0D0007

Previews

White Background



This preview shows how the Hex color 46996A looks on a white background.

Color Contrast Check

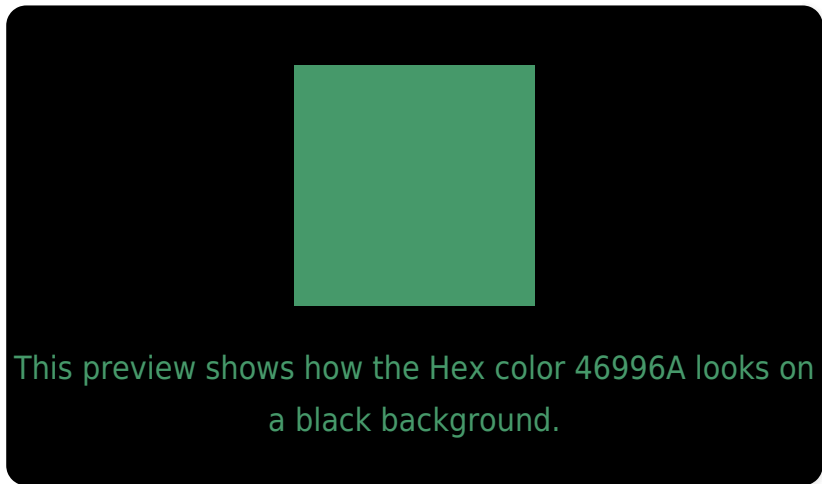
Large Text (above 18pt) WCAG AA ✓ Pass

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 46996A Background



This preview shows how black text looks on a background with the Hex color 46996A.



This preview shows how white text looks on a background with the Hex color 46996A.

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
55929E

Trichromacy



Original Color
46996A



Protanomaly
778E66



Deuteranomaly
7E8B6D



Tritanomaly
50958B

Monochromacy



Original Color
46996A



Achromatopsia
7B7B7B



Achromatomaly
688675

CSS Examples

Text

The CSS property to change the color of the text to Hex 46996A 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 #46996A looks like.

```
.text, #text, p{  
    color:#46996A  
}
```

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 #46996A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46996A
}
```

Border

The CSS property to change the border of an element to Hex 46996A 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
#46996A }
```

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

```
.border{ border-color:#46996A }
```

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

Here you see how a box with a 4 pixel #46996A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46996A; -webkit-box-shadow:4px 4px  
4px 4px #46996A; box-shadow:4px 4px 4px  
4px #46996A }
```

Background

The CSS property to change the background color of an element to Hex 46996A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46996A }
```

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

```
.background{ background-color:#46996A }
```

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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