

Converting Colors

Hex(4C9966)

Have a look what the booklet for
Hex(4C9966) contains.

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Color

Hex(4C9966)

Conversions

Conversions Part 1

Format	Color
Hex	4C9966
RGB	76, 153, 102
RGB Percent	30%, 60%, 40%
CMY	0.7020, 0.4000, 0.6000
CMYK	0.50, 0.00, 0.33, 0.40
HSL	140°, 34%, 45%
HSV	140°, 50%, 60%
XYZ	16.7700, 25.2783, 16.5657
YIQ	124.1630, -29.5210, -32.1850

Conversions

Conversions Part 2

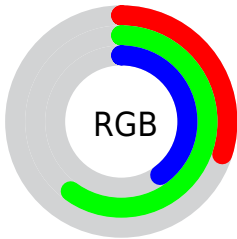
Format	Color
RYB	76, 134, 153
Decimal	5020006
CIELab	57.35, -35.71, 19.69
CIElCh	57, 40.776, 151.129
Yxy	25.2783, 0.2861, 0.4313
Android (android.graphics.Color)	4283210086 (0xFF4C9966)
YUV	124.1630, -10.9264, -42.2390
Hunter-Lab	50.2775, -28.4472, 15.6591

Details

The Hex color **4C9966** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **994C7F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **82D099**, and **116537** is the 20% darker color. If you saturate the color by 10%, you get **3D995C**, and if you desaturate by 10%, it is **5B9970**.

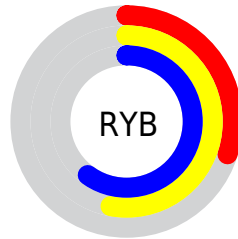
Distribution



Red (30%)

Green (60%)

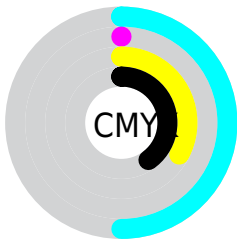
Blue (40%)



Red (30%)

Yellow (53%)

Blue (60%)

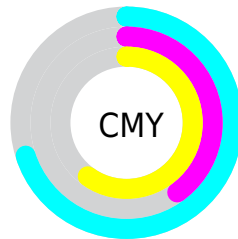


Cyan (50%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (70%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9966 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 4C9966 by changing the saturation by 10% instead.



4C9966



4C9966

FFFFFF



317F4E



82D099



116537



9DECB4



004D20



B9FFD0



00350B



D6FFEC



002100



F3FFFF



000000



4C9966



4C9966



3D995C



5B9970



2D9952



6B997A

■ 1E9948

■ 7A9984

■ 0F993D

■ 89998F

■ 009934

■ 999999

■ A899A3

■ B799AD

■ C699B7

■ D699C1

Harmonies

Analogous

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



79924B



4C9966



009C8A

Triad

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



4C9966



4F8DD1



CB7067

Complementary

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



4C9966



994C7F

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.



CB6C8A



4C9966



8E80C7

Square

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



4C9966



0096C7



B773AD



BB7B4C

Rectangle

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



4C9966



009CA2



B773AD



CD6E72

Sweetspot

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



4C9966



A9C7B3



7F994C



526358



E3E3E3



636363

Same Dimension

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



4C9966



50C778



4C998C



454D47



008C2F



000D04

Inverse Universe

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



994C7F



C7509F



994C59



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 4C9966 looks on a white background.

Color Contrast Check

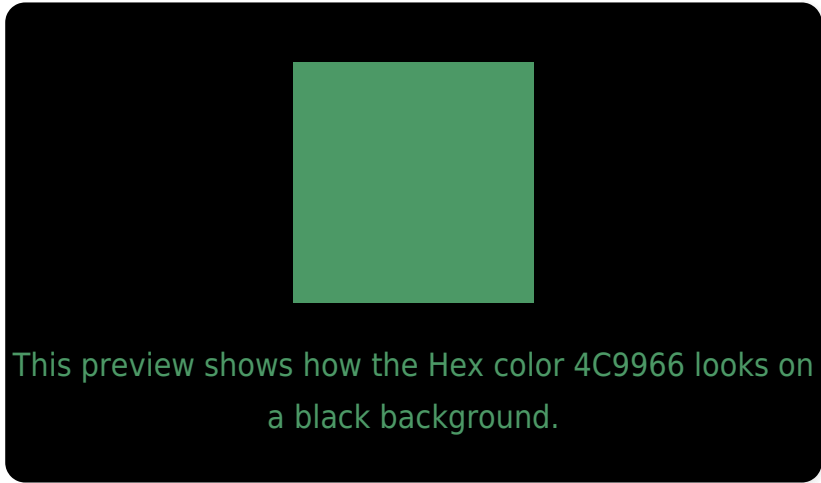
Large Text (above 18pt) WCAG AA ✓ Pass

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

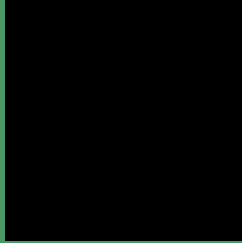
Any Text WCAG AA ✓ Pass

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 4C9966 Background



This preview shows how black text looks on a background with the Hex color 4C9966.



This preview shows how white text looks on a background with the Hex color 4C9966.

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



Original Color
4C9966

Protanopia
94895F

Deuteranopia
A0836B



Tritanopia
5A929E

Trichromacy



Original Color
4C9966



Protanomaly
7A8F62



Deuteranomaly
818B69



Tritanomaly
55958A

Monochromacy



Original Color
4C9966



Achromatopsia
7C7C7C



Achromatomaly
6B8774

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9966 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 #4C9966 looks like.

```
.text, #text, p{  
    color:#4C9966  
}
```

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 #4C9966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9966
}
```

Border

The CSS property to change the border of an element to Hex 4C9966 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
#4C9966 }
```

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

```
.border{ border-color:#4C9966 }
```

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

Here you see how a box with a 4 pixel #4C9966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9966; -webkit-box-shadow:4px 4px  
4px 4px #4C9966; box-shadow:4px 4px 4px  
4px #4C9966 }
```

Background

The CSS property to change the background color of an element to Hex 4C9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9966 }
```

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

```
.background{ background-color:#4C9966 }
```

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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