

Converting Colors

Hex(4C9378)

Have a look what the booklet for
Hex(4C9378) contains.

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Color

Hex(4C9378)

Conversions

Conversions Part 1

Format	Color
Hex	4C9378
RGB	76, 147, 120
RGB Percent	30%, 58%, 47%
CMY	0.7020, 0.4235, 0.5294
CMYK	0.48, 0.00, 0.18, 0.42
HSL	157°, 32%, 44%
HSV	157°, 48%, 58%
XYZ	16.8044, 23.7600, 21.4698
YIQ	122.6930, -33.6490, -23.4490

Conversions

Conversions Part 2

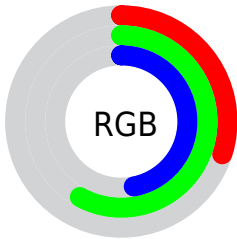
Format	Color
RYB	76, 120, 147
Decimal	5018488
CIELab	55.85, -29.06, 7.46
CIELCh	56, 29.999, 165.592
Yxy	23.7600, 0.2709, 0.3830
Android (android.graphics.Color)	4283208568 (0xFF4C9378)
YUV	122.6930, -1.3276, -40.9498
Hunter-Lab	48.7442, -23.7653, 8.0062




Details

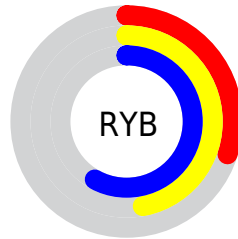
The Hex color **4C9378** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **934C67**, and the grayscale version is **7B7B7B**.




A 20% lighter version of the original color is **81C9AC**, and **136048** is the 20% darker color. If you saturate the color by 10%, you get **3D9372**, and if you desaturate by 10%, it is **5B937E**.

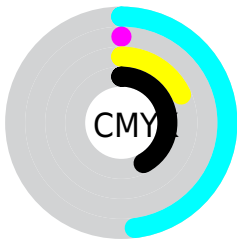
Distribution







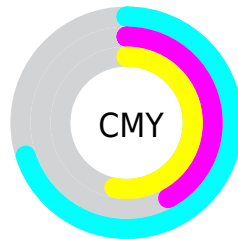
-  Red (30%)
-  Green (58%)
-  Blue (47%)






-  Red (30%)
-  Yellow (47%)
-  Blue (58%)



-  Cyan (48%)
-  Magenta (0%)
-  Yellow (18%)
-  Black (42%)



-  Cyan (70%)
-  Magenta (42%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9378 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 4C9378 by changing the saturation by 10% instead.



4C9378



4C9378

FFFFFF



31795F



81C9AC



136048



9CE6C8



004831



B8FFE4



00301C



D5FFFF



001D02



F2FFFF



000000



4C9378



4C9378



3D9372



5B937E



2F936D



699383

■ 209367

■ 789389

■ 119362

■ 87938E

■ 03935C

■ 969394

■ 00935B

■ A4939A

■ B3939F

■ C293A5

■ D093AA

Harmonies

Analogous

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



6C8F61



4C9378



2B9493

Triad

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



4C9378



7784B8



B37762

Complementary

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



4C9378



934C67

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.



B97279



4C9378



9A7AAA

Square

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



4C9378



4C8CB8



B17393



A28054

Rectangle

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



4C9378



2193A3



B17393



B77569

Sweetspot

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



4C9378



A4BFB5



67934C



50615B



E0E0E0



616161

Same Dimension

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



4C9378



50BF95



4C8B93



434A47



008A55



000A06

Inverse Universe

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



934C67



BF507B



93544C



4A4345



8A0034



0A0004

Previews

White Background



This preview shows how the Hex color 4C9378 looks on a white background.

Color Contrast Check

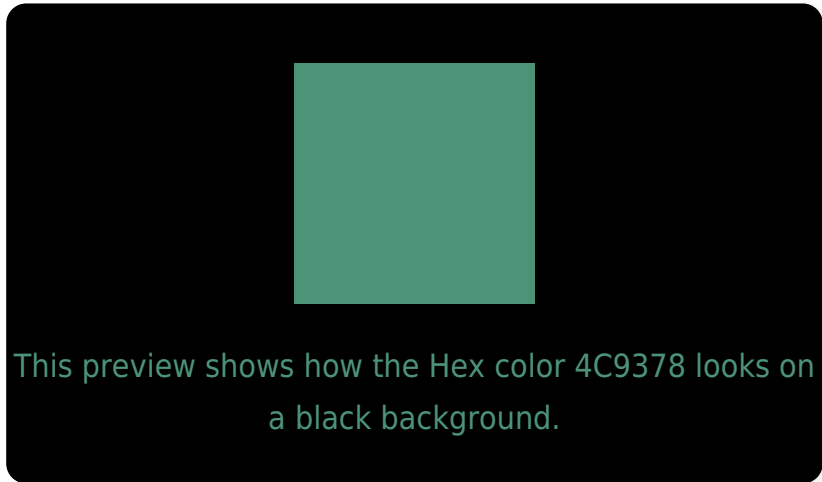
Large Text (above 18pt) WCAG AA ✓ Pass

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

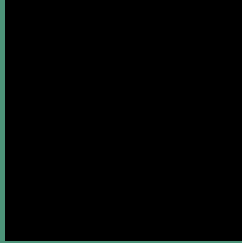
Any Text WCAG AA ✓ Pass

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 4C9378 Background



This preview shows how black text looks on a background with the Hex color 4C9378.



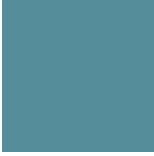
This preview shows how white text looks on a background with the Hex color 4C9378.

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](#).

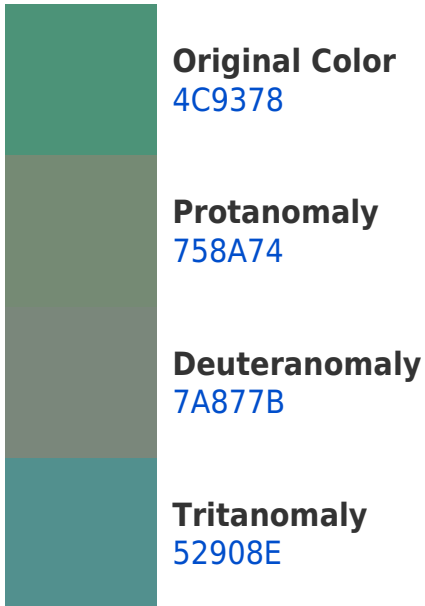
Dichromacy



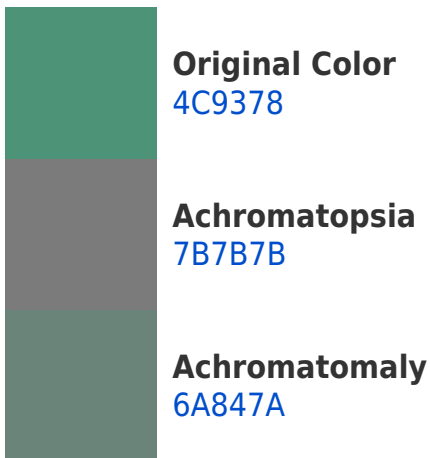


Tritanopia
558E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9378 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 #4C9378 looks like.

```
.text, #text, p{  
    color:#4C9378  
}
```

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 #4C9378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9378
}
```

Border

The CSS property to change the border of an element to Hex 4C9378 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
#4C9378 }
```

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

```
.border{ border-color:#4C9378 }
```

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

Here you see how a box with a 4 pixel #4C9378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9378; -webkit-box-shadow:4px 4px  
4px 4px #4C9378; box-shadow:4px 4px 4px  
4px #4C9378 }
```

Background

The CSS property to change the background color of an element to Hex 4C9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9378 }
```

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

```
.background{ background-color:#4C9378 }
```

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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