

Converting Colors

Hex(4D9384)

Have a look what the booklet for
Hex(4D9384) contains.

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Color

Hex(4D9384)

Conversions

Conversions Part 1

Format	Color
Hex	4D9384
RGB	77, 147, 132
RGB Percent	30%, 58%, 52%
CMY	0.6980, 0.4235, 0.4824
CMYK	0.48, 0.00, 0.10, 0.42
HSL	167°, 31%, 44%
HSV	167°, 48%, 58%
XYZ	17.6591, 24.1112, 25.5530
YIQ	124.3600, -36.9050, -19.5050

Conversions

Conversions Part 2

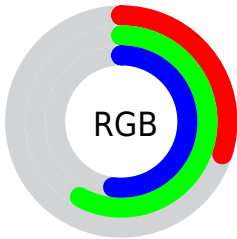
Format	Color
RYB	77, 116, 147
Decimal	5084036
CIELab	56.20, -25.89, 1.12
CIElCh	56, 25.918, 177.531
Yxy	24.1112, 0.2623, 0.3581
Android (android.graphics.Color)	4283274116 (0xFF4D9384)
YUV	124.3600, 3.7665, -41.5347
Hunter-Lab	49.1031, -21.7358, 3.5180

Details

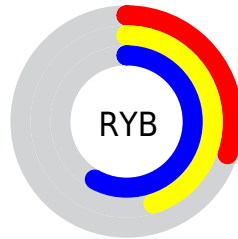
The Hex color **4D9384** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **934D5C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **82C9B9**, and **146053** is the 20% darker color. If you saturate the color by 10%, you get **3E9381**, and if you desaturate by 10%, it is **5C9387**.

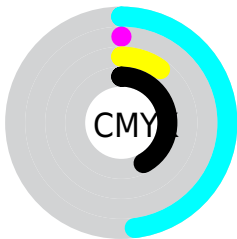
Distribution



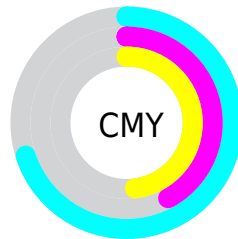
- Red (30%)
- Green (58%)
- Blue (52%)



- Red (30%)
- Yellow (45%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9384 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 4D9384 by changing the saturation by 10% instead.



4D9384



4D9384

FFFFFF



32796B



82C9B9



146053



9EE6D5



00483C



BAFFF1



003126



D6FFFF



001E11



F3FFFF



000000



4D9384



4D9384



3E9381



5C9387



30937E



6A938A

■ 21937B

■ 79938D

■ 129377

■ 889391

■ 049374

■ 979394

■ 009374

■ A59397

■ B4939A

■ C3939D

■ D193A0

Harmonies

Analogous

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



67916E



4D9384



3D939B

Triad

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



4D9384



8782AF



AA7D61

Complementary

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



4D9384



934D5C

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.



B37773



4D9384



A27A9F

Square

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



4D9384



6689B3



B17689



98855A

Rectangle

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



4D9384



4191A7



B17689



AE7B66

Sweetspot

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



4D9384



A4BFBA



5C934D



50615D



E0E0E0



616161

Same Dimension

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



4D9384



52BFA8



4D7F93



434A48



008A6C



000A08

Inverse Universe

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



934D5C



BF526A



93614D



4A4344



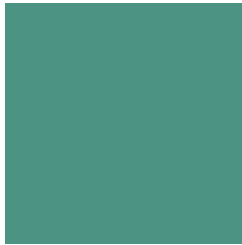
8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 4D9384 looks on a white background.

Color Contrast Check

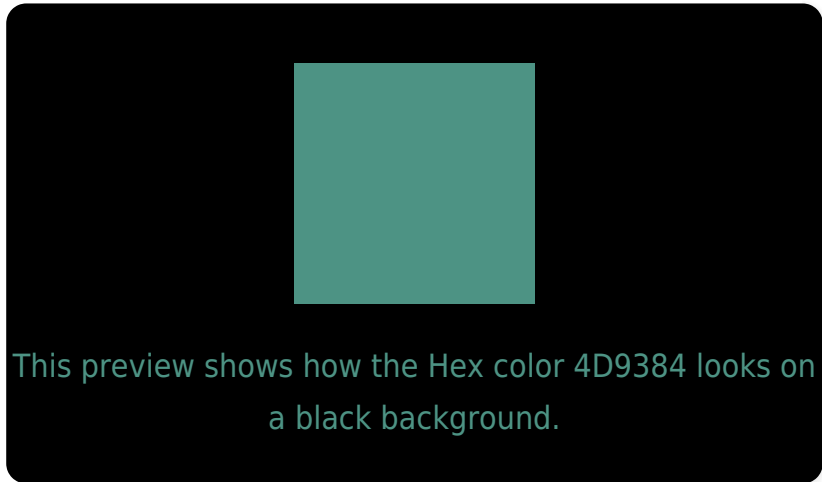
Large Text (above 18pt) WCAG AA ✓ Pass

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

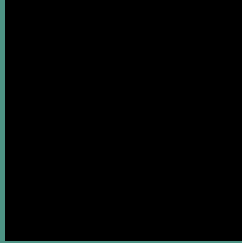
Any Text WCAG AA ✓ Pass

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 4D9384 Background



This preview shows how black text looks on a background with the Hex color 4D9384.

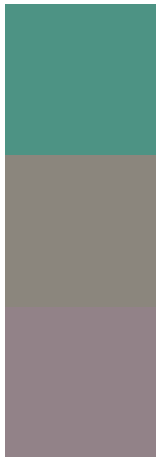


This preview shows how white text looks on a background with the Hex color 4D9384.

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
4D9384

Protanopia
8B867D

Deuteranopia
928288



Tritanopia
54909B

Trichromacy



Original Color
4D9384

Protanomaly
748B80

Deuteranomaly
798887

Tritanomaly
519193

Monochromacy



Original Color
4D9384

Achromatopsia
7C7C7C

Achromatomaly
6B847F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9384 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 #4D9384 looks like.

```
.text, #text, p{  
    color:#4D9384  
}
```

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 #4D9384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9384
}
```

Border

The CSS property to change the border of an element to Hex 4D9384 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
#4D9384 }
```

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

```
.border{ border-color:#4D9384 }
```

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

Here you see how a box with a 4 pixel #4D9384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9384; -webkit-box-shadow:4px 4px  
4px 4px #4D9384; box-shadow:4px 4px 4px  
4px #4D9384 }
```

Background

The CSS property to change the background color of an element to Hex 4D9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9384 }
```

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

```
.background{ background-color:#4D9384 }
```

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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