

Converting Colors

Hex(049583)

Have a look what the booklet for
Hex(049583) contains.

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Color

Hex(049583)

Conversions

Conversions Part 1

Format	Color
Hex	049583
RGB	4, 149, 131
RGB Percent	2%, 58%, 51%
CMY	0.9843, 0.4157, 0.4863
CMYK	0.97, 0.00, 0.12, 0.42
HSL	173°, 95%, 30%
HSV	173°, 97%, 58%
XYZ	14.8942, 23.1594, 25.1579
YIQ	103.5930, -80.6420, -36.3380

Conversions

Conversions Part 2

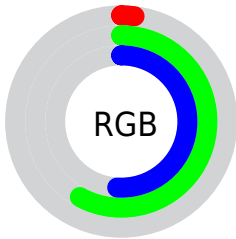
Format	Color
RYB	4, 81, 149
Decimal	300419
CIELab	55.24, -37.49, 0.10
CIElCh	55, 37.488, 179.854
Yxy	23.1594, 0.2356, 0.3664
Android (android.graphics.Color)	4278490499 (0xFF049583)
YUV	103.5930, 13.5117, -87.3431
Hunter-Lab	48.1242, -28.9723, 2.6919

Details

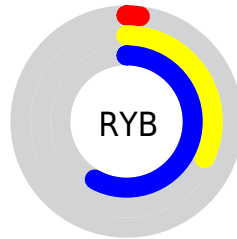
The Hex color **049583** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **950416**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58CCB8**, and **006152** is the 20% darker color. If you saturate the color by 10%, you get **009583**, and if you desaturate by 10%, it is **139585**.

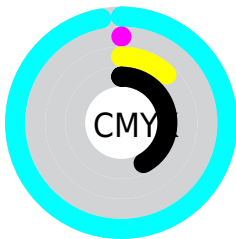
Distribution



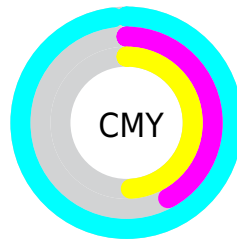
- Red (2%)
- Green (58%)
- Blue (51%)



- Red (2%)
- Yellow (32%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)




- Cyan (98%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 049583 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 049583 by changing the saturation by 10% instead.

 049583

 049583

FFFFFF

 007B6A

 58CCB8

 006152

 76E8D4

 00493B

 94FFF0

 003125

 B1FFFF

 001B11

 CEFFFF

 000000

 ECFFFF

 049583

 049583

 009583

 139585

■ 229587

■ 319589

■ 40958A

■ 4F958C

■ 5D958E

■ 6C9590

■ 7B9592

■ 8A9594

Harmonies

Analogous

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



4F9262



049583



0094A4

Triad

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



049583



877CBD



B2774D

Complementary

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



049583



950416

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.



C16D66



049583



AC70A5

Square

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



049583



4E88C5



C06A86



988242

Rectangle

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



049583



0092B5



C06A86



B97354

Sweetspot

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



049583



8AC2BB



179504



3F615D



E0E0E0



616161

Same Dimension

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



049583



00C2AA



046095



434A49



008A79



000A09

Inverse Universe

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



950416



C20018



953904



4A4343



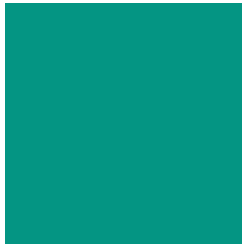
8A0011



0A0001

Previews

White Background



This preview shows how the Hex color 049583 looks on a white background.

Color Contrast Check

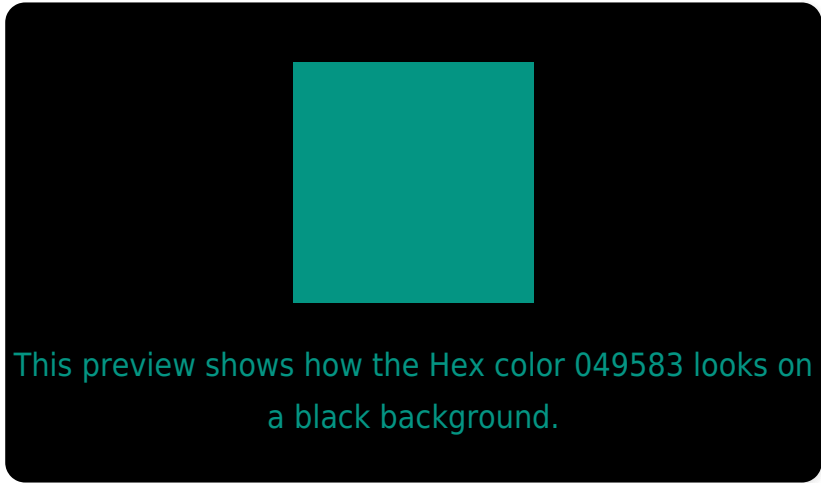
Large Text (above 18pt) WCAG AA ✓ Pass

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

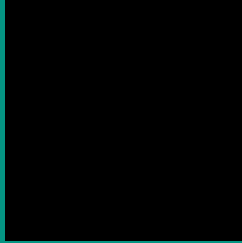
Any Text WCAG AA ✓ Pass

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 049583 Background



This preview shows how black text looks on a background with the Hex color 049583.

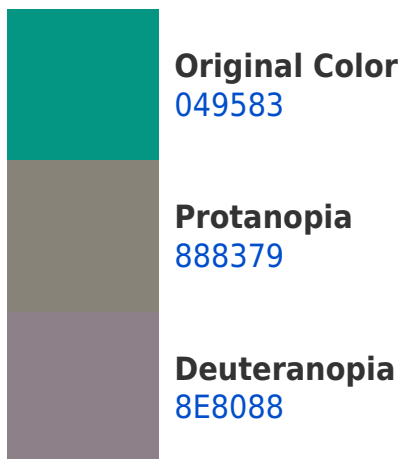


This preview shows how white text looks on a background with the Hex color 049583.

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
28919D

Trichromacy



Original Color
049583



Protanomaly
588A7D



Deuteranomaly
5C8886



Tritanomaly
1B9294

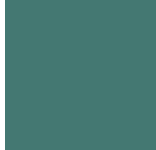
Monochromacy



Original Color
049583



Achromatopsia
686868



Achromatomaly
447872

CSS Examples

Text

The CSS property to change the color of the text to Hex 049583 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 #049583 looks like.

```
.text, #text, p{  
    color:#049583  
}
```

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 #049583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049583
}
```

Border

The CSS property to change the border of an element to Hex 049583 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
#049583 }
```

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

```
.border{ border-color:#049583 }
```

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

Here you see how a box with a 4 pixel #049583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049583; -webkit-box-shadow:4px 4px  
4px 4px #049583; box-shadow:4px 4px 4px  
4px #049583 }
```

Background

The CSS property to change the background color of an element to Hex 049583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049583 }
```

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

```
.background{ background-color:#049583 }
```

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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