

Converting Colors

Hex(0489AB)

Have a look what the booklet for
Hex(0489AB) contains.

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Color

Hex(0489AB)

Conversions

Conversions Part 1

Format	Color
Hex	0489AB
RGB	4, 137, 171
RGB Percent	2%, 54%, 67%
CMY	0.9843, 0.4627, 0.3294
CMYK	0.98, 0.20, 0.00, 0.33
HSL	192°, 95%, 34%
HSV	192°, 98%, 67%
XYZ	16.3464, 20.8574, 41.6924
YIQ	101.1090, -90.1820, -17.6220

Conversions

Conversions Part 2

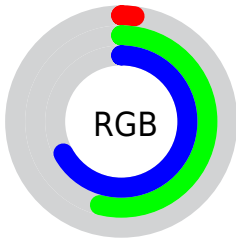
Format	Color
RYB	4, 78, 171
Decimal	297387
CIELab	52.79, -18.47, -26.62
CIELCh	53, 32.401, 235.254
Yxy	20.8574, 0.2072, 0.2644
Android (android.graphics.Color)	4278487467 (0xFF0489AB)
YUV	101.1090, 34.4563, -85.1646
Hunter-Lab	45.6699, -16.0327, -22.1574

Details

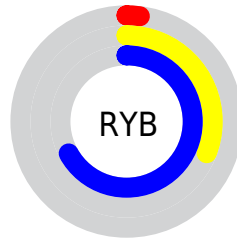
The Hex color **0489AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB2604**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5CBFE2**, and **005777** is the 20% darker color. If you saturate the color by 10%, you get **0088AB**, and if you desaturate by 10%, it is **158CAB**.

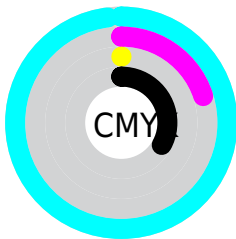
Distribution



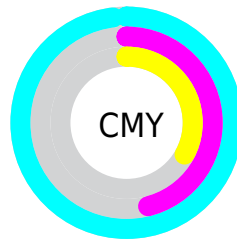
- Red (2%)
- Green (54%)
- Blue (67%)



- Red (2%)
- Yellow (31%)
- Blue (67%)



- Cyan (98%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0489AB 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 0489AB by changing the saturation by 10% instead.

0489AB

0489AB

FFFFFF

007090

5CBFE2

005777

7BDAFF

00405E

99F7FF

002946

B6FFFF

00142F

D4FFFF

00011A

F3FFFF

000000

0489AB

0489AB

0088AB

158CAB

■ 2690AB

■ 3793AB

■ 4897AB

■ 5A9AAB

■ 6B9EAB

■ 7CA1AB

■ 8DA5AB

■ 9EA8AB

Harmonies

Analogous

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



008C95



0489AB



4C82B5

Triad

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



0489AB



B06884



78834B

Complementary

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



0489AB



AB2604

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.



947B46



0489AB



B46A68

Square

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



0489AB



9D6E9E



A97151



57895D

Rectangle

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



0489AB



6C7CB4



A97151



828147

Sweetspot

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



0489AB



9ED1DE



04AB25



496870



F0F0F0



707070

Same Dimension

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



0489AB



00B1DE



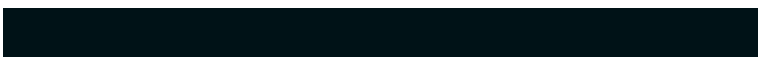
0436AB



4E5557



007896



001217

Inverse Universe

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



AB0489



DE00B1



AB7904



574E55



960078



170012

Previews

White Background



This preview shows how the Hex color 0489AB looks on a white background.

Color Contrast Check

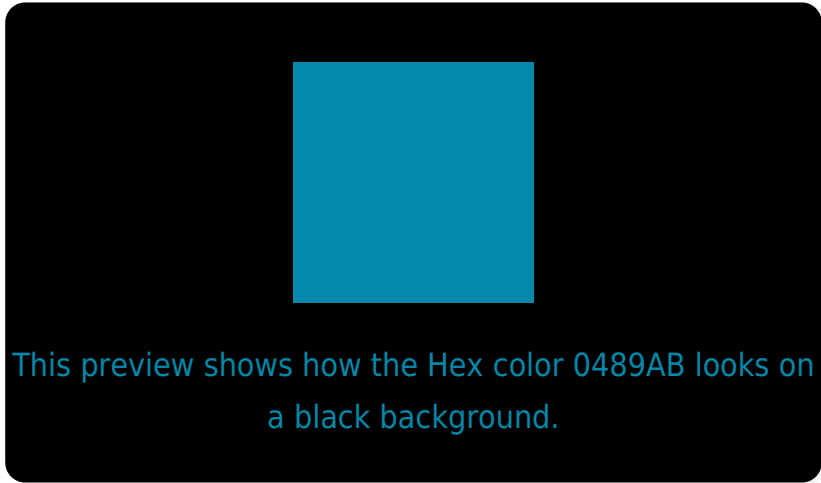
Large Text (above 18pt) WCAG AA ✓ Pass

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

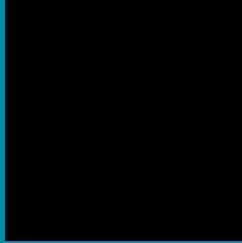
Any Text WCAG AA ✓ Pass

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 0489AB Background



This preview shows how black text looks on a background with the Hex color 0489AB.

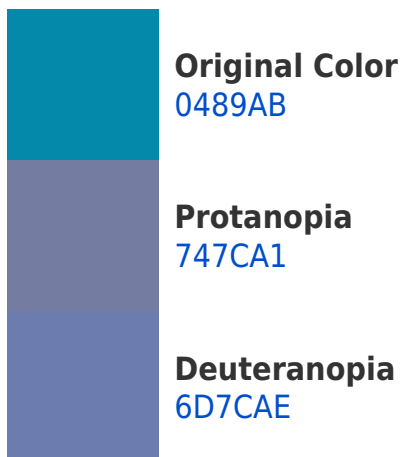


This preview shows how white text looks on a background with the Hex color 0489AB.

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
008C96

Trichromacy



Original Color
0489AB

Protanomaly
4B81A5

Deuteranomaly
4781AD

Tritanomaly
018B9E

Monochromacy



Original Color
0489AB

Achromatopsia
656565

Achromatomaly
42727E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0489AB 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 #0489AB looks like.

```
.text, #text, p{  
    color:#0489AB  
}
```

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 #0489AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0489AB
}
```

Border

The CSS property to change the border of an element to Hex 0489AB 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
#0489AB }
```

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

```
.border{ border-color:#0489AB }
```

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

Here you see how a box with a 4 pixel #0489AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0489AB; -webkit-box-shadow:4px 4px  
4px 4px #0489AB; box-shadow:4px 4px 4px  
4px #0489AB }
```

Background

The CSS property to change the background color of an element to Hex 0489AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0489AB }
```

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

```
.background{ background-color:#0489AB }
```

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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