

Converting Colors

Hex(3089A2)

Have a look what the booklet for
Hex(3089A2) contains.

Hex(3089A2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3089A2)

Conversions

Conversions Part 1

Format	Color
Hex	3089A2
RGB	48, 137, 162
RGB Percent	19%, 54%, 64%
CMY	0.8118, 0.4627, 0.3647
CMYK	0.70, 0.15, 0.00, 0.36
HSL	193°, 54%, 41%
HSV	193°, 70%, 64%
XYZ	16.6862, 21.1283, 37.3811
YIQ	113.2390, -61.0690, -11.0930

Conversions

Conversions Part 2

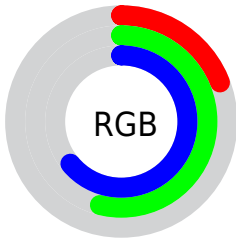
Format	Color
RYB	48, 98, 162
Decimal	3180962
CIELab	53.09, -17.83, -20.92
CIElCh	53, 27.490, 229.560
Yxy	21.1283, 0.2219, 0.2810
Android (android.graphics.Color)	4281371042 (0xFF3089A2)
YUV	113.2390, 24.0392, -57.2146
Hunter-Lab	45.9656, -15.6416, -16.0412

Details

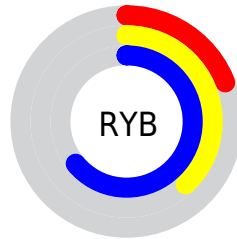
The Hex color **3089A2** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A24930**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6DBFD9**, and **00576E** is the 20% darker color. If you saturate the color by 10%, you get **2085A2**, and if you desaturate by 10%, it is **408DA2**.

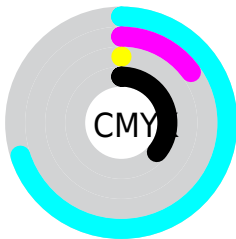
Distribution



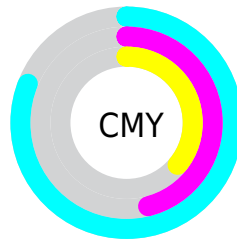
- Red (19%)
- Green (54%)
- Blue (64%)



- Red (19%)
- Yellow (38%)
- Blue (64%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (81%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3089A2 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 3089A2 by changing the saturation by 10% instead.

■ 3089A2

■ 3089A2

FFFFFF

■ 007088

■ 6DBFD9

■ 00576E

■ 8ADAF5

■ 003F56

■ A6F7FF

■ 00293F

■ C3FFFF

■ 001529

■ E1FFFF

■ 000113

■ 000000

■ 3089A2

■ 3089A2

■ 2085A2

■ 408DA2

1082A2

5090A2

007EA2

6194A2

7197A2

819BA2

919EA2

A1A2A2

B2A5A2

C2A9A2

Harmonies

Analogous

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



2E8B8E



3089A2



5184AD

Triad

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



3089A2



A86E88



7F8252

Complementary

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



3089A2



A24930

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.



967A50



3089A2



AE6D70

Square

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



3089A2



95739E



A7735C



64885F

Rectangle

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



3089A2



6A7EAD



A7735C



878050

Sweetspot

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



3089A2



A7CAD4



30A249



50656B



EBEBEB



6B6B6B

Same Dimension

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



3089A2



22ADD4



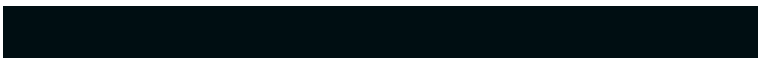
3050A2



495052



007191



000E12

Inverse Universe

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



A23089



D422AD



A28230



524950



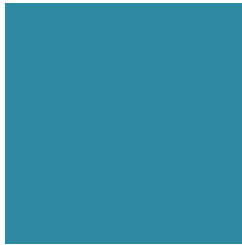
910071



12000E

Previews

White Background



This preview shows how the Hex color 3089A2 looks on a white background.

Color Contrast Check

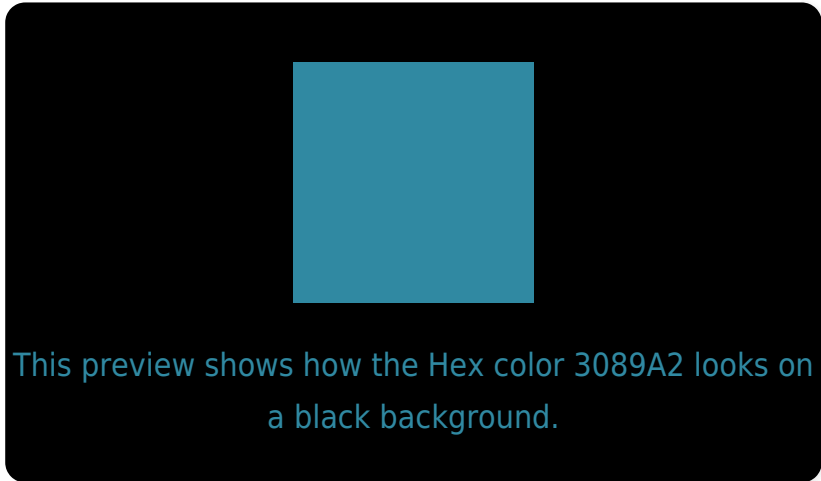
Large Text (above 18pt) WCAG AA ✓ Pass

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

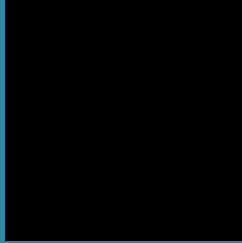
Any Text WCAG AA ✓ Pass

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 3089A2 Background



This preview shows how black text looks on a background with the Hex color 3089A2.

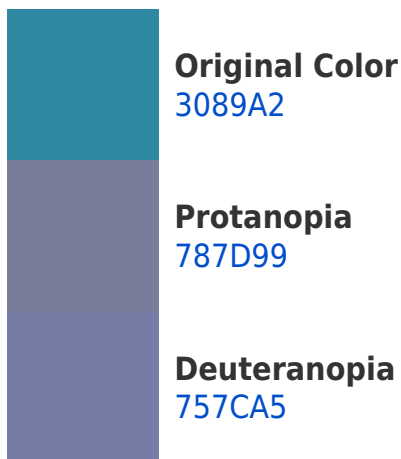


This preview shows how white text looks on a background with the Hex color 3089A2.

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](#).

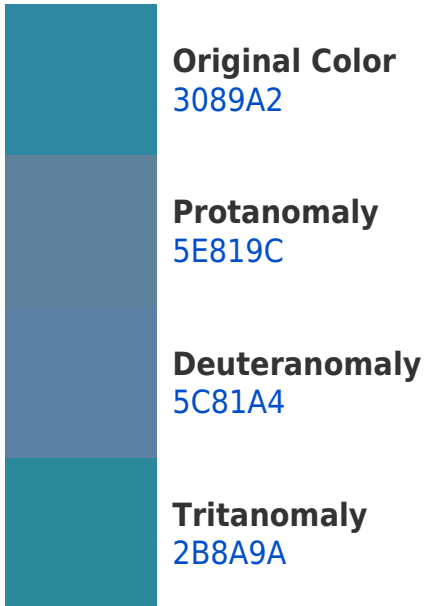
Dichromacy





Tritanopia
288B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3089A2 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 #3089A2 looks like.

```
.text, #text, p{  
    color:#3089A2  
}
```

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 #3089A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3089A2
}
```

Border

The CSS property to change the border of an element to Hex 3089A2 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
#3089A2 }
```

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

```
.border{ border-color:#3089A2 }
```

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

Here you see how a box with a 4 pixel #3089A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3089A2; -webkit-box-shadow:4px 4px  
4px 4px #3089A2; box-shadow:4px 4px 4px  
4px #3089A2 }
```

Background

The CSS property to change the background color of an element to Hex 3089A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3089A2 }
```

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

```
.background{ background-color:#3089A2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor