

Converting Colors

Hex(6089AA)

Have a look what the booklet for
Hex(6089AA) contains.

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Color

Hex(6089AA)

Conversions

Conversions Part 1

Format	Color
Hex	6089AA
RGB	96, 137, 170
RGB Percent	38%, 54%, 67%
CMY	0.6235, 0.4627, 0.3333
CMYK	0.44, 0.19, 0.00, 0.33
HSL	207°, 30%, 52%
HSV	207°, 44%, 67%
XYZ	21.0252, 23.2804, 41.4156
YIQ	128.5030, -35.0290, 1.5710

Conversions

Conversions Part 2

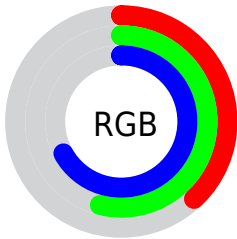
Format	Color
RYB	96, 122, 170
Decimal	6326698
CIELab	55.36, -5.19, -21.88
CIELCh	55, 22.484, 256.644
Yxy	23.2804, 0.2453, 0.2716
Android (android.graphics.Color)	4284516778 (0xFF6089AA)
YUV	128.5030, 20.4580, -28.5051
Hunter-Lab	48.2498, -6.6542, -17.1173

Details

The Hex color **6089AA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA8160**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **96BEE1**, and **2B5776** is the 20% darker color. If you saturate the color by 10%, you get **4F81AA**, and if you desaturate by 10%, it is **7191AA**.

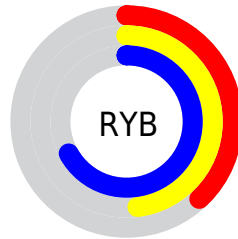
Distribution



Red (38%)

Green (54%)

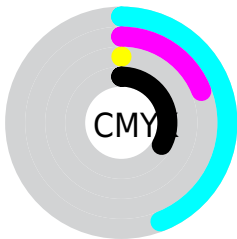
Blue (67%)



Red (38%)

Yellow (48%)

Blue (67%)

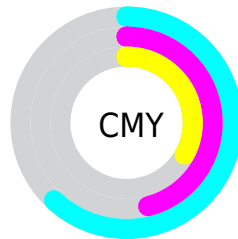


Cyan (44%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (62%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6089AA 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 6089AA by changing the saturation by 10% instead.

■ 6089AA

■ 6089AA

FFFFFF

■ 46708F

■ 96BEE1

■ 2B5776

■ B1DAFE

■ 0A405D

■ CDF7FF

■ 002A45

■ EAFFFF

■ 00162F

■ 00011A

■ 000000

■ 6089AA

■ 6089AA

■ 4F81AA

■ 7191AA

■ 3E7AAA

■ 8298AA

■ 2D72AA

■ 93A0AA

■ 1C6BAA

■ A4A7AA

■ 0B63AA

■ B5AFAA

■ 005EAA

■ C6B6AA

■ D7BEAA

■ E8C6AA

■ F9CDAA

Harmonies

Analogous

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



4C8DA0



6089AA



7C83AA

Triad

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



6089AA



AC777A



718C69

Complementary

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



6089AA



AA8160

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.



87875F



6089AA



A87A69

Square

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



6089AA



A6778E



9B805F



5B8F7B

Rectangle

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



6089AA



8D7EA4



9B805F



798A65

Sweetspot

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



6089AA



C1D1DE



60AA80



5E6870



F0F0F0



707070

Same Dimension

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



6089AA



6AAADE



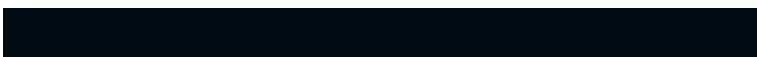
6065AA



4C5054



005294



000B14

Inverse Universe

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



AA6089



DE6AAA



AAA560



544C50



940052



14000B

Previews

White Background



This preview shows how the Hex color 6089AA looks on a white background.

Color Contrast Check

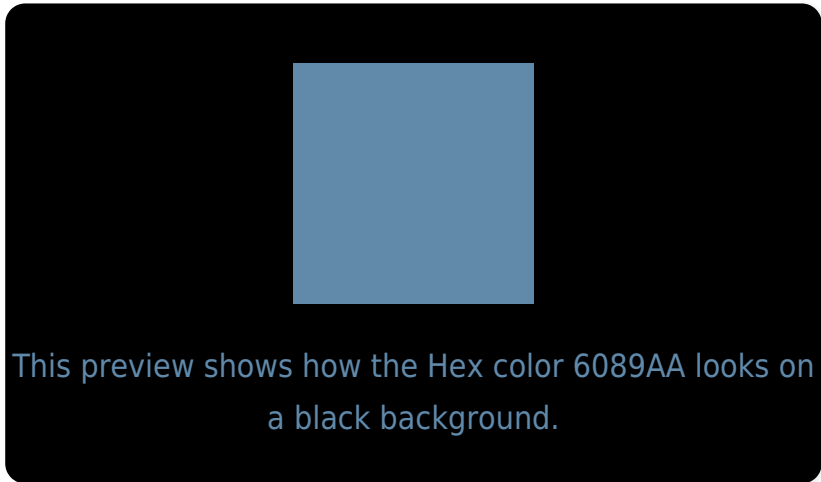
Large Text (above 18pt) WCAG AA ✓ Pass

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

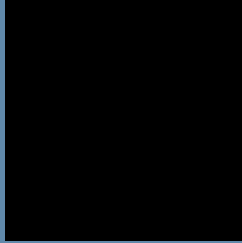
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

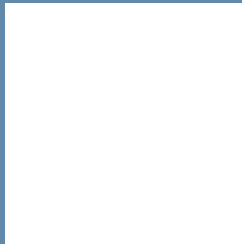
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6089AA Background



This preview shows how black text looks on a background with the Hex color 6089AA.

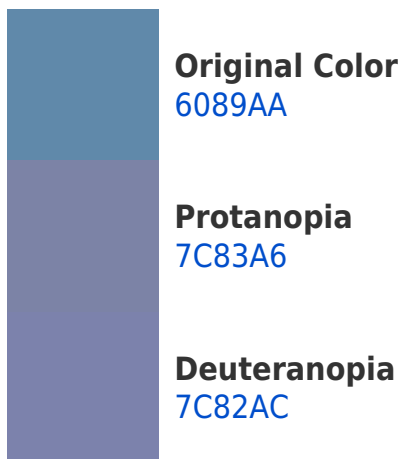


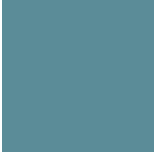
This preview shows how white text looks on a background with the Hex color 6089AA.

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](#).

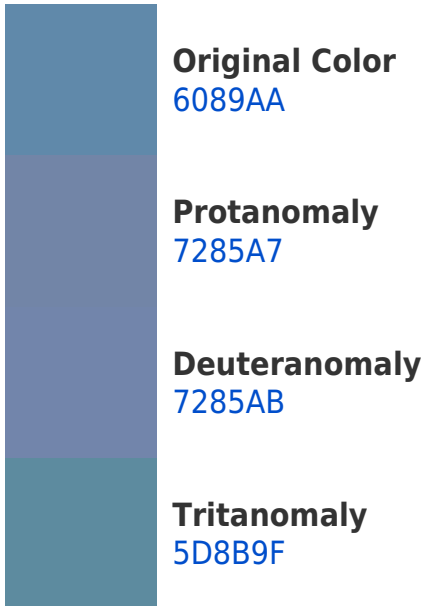
Dichromacy



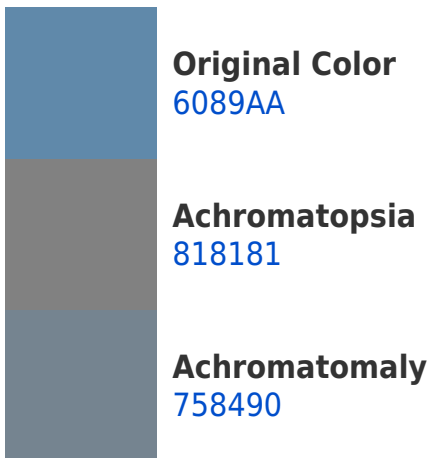


Tritanopia
5B8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6089AA 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 #6089AA looks like.

```
.text, #text, p{  
    color:#6089AA  
}
```

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 #6089AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6089AA
}
```

Border

The CSS property to change the border of an element to Hex 6089AA 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
#6089AA }
```

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

```
.border{ border-color:#6089AA }
```

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

Here you see how a box with a 4 pixel #6089AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6089AA; -webkit-box-shadow:4px 4px  
4px 4px #6089AA; box-shadow:4px 4px 4px  
4px #6089AA }
```

Background

The CSS property to change the background color of an element to Hex 6089AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6089AA }
```

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

```
.background{ background-color:#6089AA }
```

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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