

# Converting Colors

Hex(529AA6)

Have a look what the booklet for  
Hex(529AA6) contains.

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**Color**

**Hex(529AA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	529AA6
RGB	82, 154, 166
RGB Percent	32%, 60%, 65%
CMY	0.6784, 0.3961, 0.3490
CMYK	0.51, 0.07, 0.00, 0.35
HSL	189°, 34%, 49%
HSV	189°, 51%, 65%
XYZ	21.9182, 27.6582, 40.2598
YIQ	133.8400, -46.7640, -11.5320

# Conversions

## Conversions Part 2

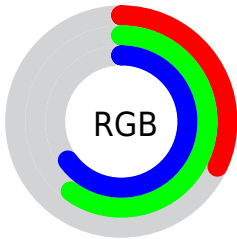
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 121, 166
Decimal	5413542
CIE <sub>Lab</sub>	59.58, -19.16, -13.24
CIE <sub>LCh</sub>	60, 23.287, 214.653
Yxy	27.6582, 0.2440, 0.3079
Android (android.graphics.Color)	4283603622 (0xFF529AA6)
YUV	133.8400, 15.8549, -45.4637
Hunter-Lab	52.5911, -17.6415, -8.5742

# Details

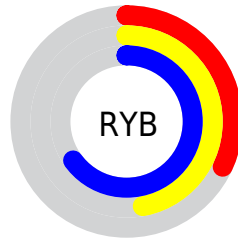
The Hex color **529AA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A65E52**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **89D1DD**, and **136772** is the 20% darker color. If you saturate the color by 10%, you get **4198A6**, and if you desaturate by 10%, it is **639CA6**.

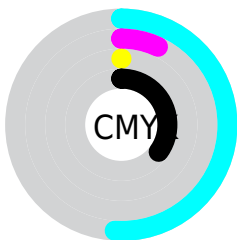
# Distribution



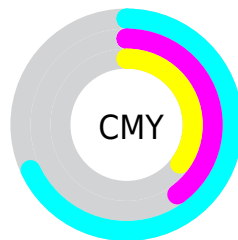
- Red (32%)
- Green (60%)
- Blue (65%)



- Red (32%)
- Yellow (47%)
- Blue (65%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (68%)
- Magenta (40%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 529AA6 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 529AA6 by changing the saturation by 10% instead.





529AA6



529AA6

FFFFFF



36808C



89D1DD



136772



A5EDFA



004E5A



C2FFFF



003742



DEFFFF



00222C



FCFFFF



000118



000000



529AA6



529AA6



4198A6



639CA6

■ 3195A6

■ 739FA6

■ 2093A6

■ 84A1A6

■ 1091A6

■ 94A3A6

■ 008EA6

■ A5A6A6

■ B6A8A6

■ C6ABA6

■ D7ADA6

■ E7AFA6

# Harmonies

## Analogous

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



599B92



529AA6



5F96B4

# Triad

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



529AA6



AD83A1



9B8F67

# Complementary

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



529AA6



A65E52

# 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.



AD886B



529AA6



B8808D

# Square

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



529AA6



9789B1



B88379



85956D

# Rectangle

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



529AA6



7192B8



B88379



A28D67



# Sweetspot

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



529AA6



B8D4D9



52A65D



5A6B6E



EDEDED



6E6E6E



# Same Dimension

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



529AA6



55C6D9



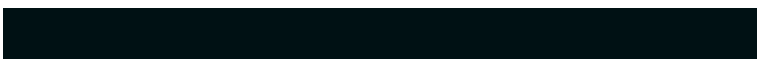
5271A6



4C5354



007F94



001114



# Inverse Universe

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



A6529A



D955C6



A68752



544C53



94007F

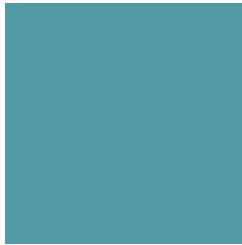


140011



# Previews

## White Background



This preview shows how the Hex color 529AA6 looks on a white background.

## Color Contrast Check

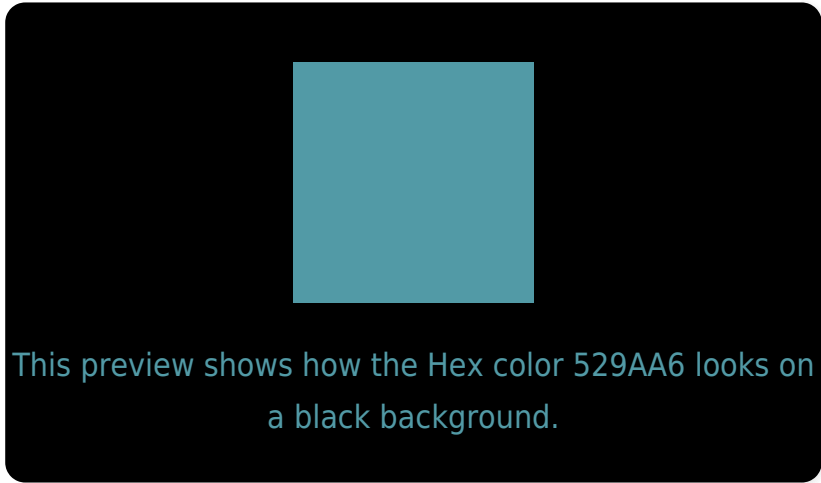
Large Text (above 18pt) WCAG AA ✓ Pass

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

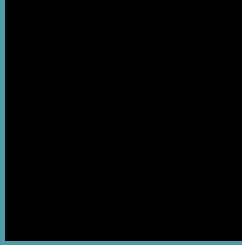
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 529AA6 Background



This preview shows how black text looks on a background with the Hex color 529AA6.



This preview shows how white text looks on a background with the Hex color 529AA6.

# 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](#).

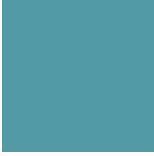
## Dichromacy



**Original Color**  
529AA6

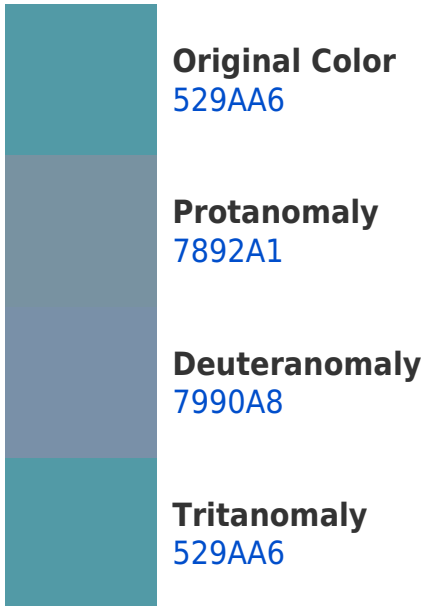
**Protanopia**  
8D8E9E

**Deuteranopia**  
908BA9



**Tritanopia**  
529AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 529AA6 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 #529AA6 looks like.

```
.text, #text, p{  
    color:#529AA6  
}
```

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 #529AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #529AA6
}
```

## Border

The CSS property to change the border of an element to Hex 529AA6 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
#529AA6 }
```

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

```
.border{ border-color:#529AA6 }
```

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

Here you see how a box with a 4 pixel #529AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #529AA6; -webkit-box-shadow:4px 4px  
4px 4px #529AA6; box-shadow:4px 4px 4px  
4px #529AA6 }
```

# Background

The CSS property to change the background color of an element to Hex 529AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#529AA6 }
```

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

```
.background{ background-color:#529AA6 }
```

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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