

# Converting Colors

Hex(529AA5)

Have a look what the booklet for  
Hex(529AA5) contains.

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**Color**

**Hex(529AA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	529AA5
RGB	82, 154, 165
RGB Percent	32%, 60%, 65%
CMY	0.6784, 0.3961, 0.3529
CMYK	0.50, 0.07, 0.00, 0.35
HSL	188°, 34%, 48%
HSV	188°, 50%, 65%
XYZ	21.8268, 27.6217, 39.7784
YIQ	133.7260, -46.4430, -11.8430

# Conversions

## Conversions Part 2

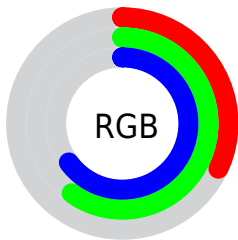
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 121, 165
Decimal	5413541
CIELab	59.55, -19.44, -12.72
CIElCh	60, 23.233, 213.207
Yxy	27.6217, 0.2446, 0.3096
Android (android.graphics.Color)	4283603621 (0xFF529AA5)
YUV	133.7260, 15.4181, -45.3637
Hunter-Lab	52.5563, -17.8419, -8.0856

# Details

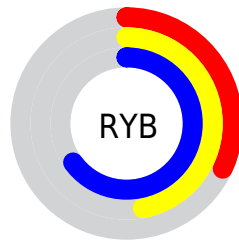
The Hex color **529AA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A55D52**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **89D1DC**, and **146771** is the 20% darker color. If you saturate the color by 10%, you get **4298A5**, and if you desaturate by 10%, it is **629CA5**.

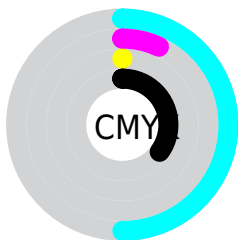
# Distribution



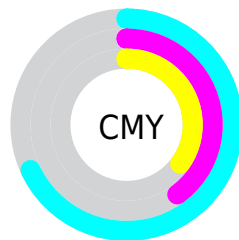
- Red (32%)
- Green (60%)
- Blue (65%)



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



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 529AA5 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 529AA5 by changing the saturation by 10% instead.



■ 529AA5

■ 529AA5

FFFFFF

■ 36808B

■ 89D1DC

■ 146771

■ A5EDF9

■ 004E59

■ C1FFFF

■ 003741

■ DEFFFF

■ 00222B

■ FCFFFF

■ 000117

■ 000000

■ 529AA5

■ 529AA5

■ 4298A5

■ 629CA5

■ 3196A5

■ 739EA5

■ 2093A5

■ 84A1A5

■ 1091A5

■ 94A3A5

■ 008FA5

■ A4A5A5

■ B5A7A5

■ C5A9A5

■ D6ABA5

■ E6AEA5

# Harmonies

## Analogous

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



5A9B91



529AA5



5E96B3

# Triad

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



529AA5



AC83A2



9C8F67

# Complementary

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



529AA5



A55D52

# 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.



AE886C



529AA5



B7808E

# Square

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



529AA5



9589B2



B8827A



86956D

# Rectangle

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



529AA5



6F93B7



B8827A



A38C67



# Sweetspot

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



529AA5



B6D2D6



52A55C



58696B



EBEBEB



6B6B6B



# Same Dimension

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



529AA5



56C5D6



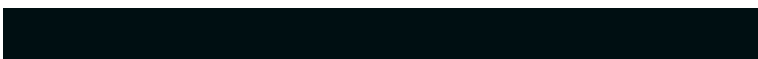
5272A5



495152



007E91



000F12



# Inverse Universe

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



A5529A



D656C5



A58552



524951



91007E

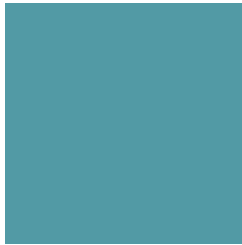


12000F



# Previews

## White Background



This preview shows how the Hex color 529AA5 looks on a white background.

## Color Contrast Check

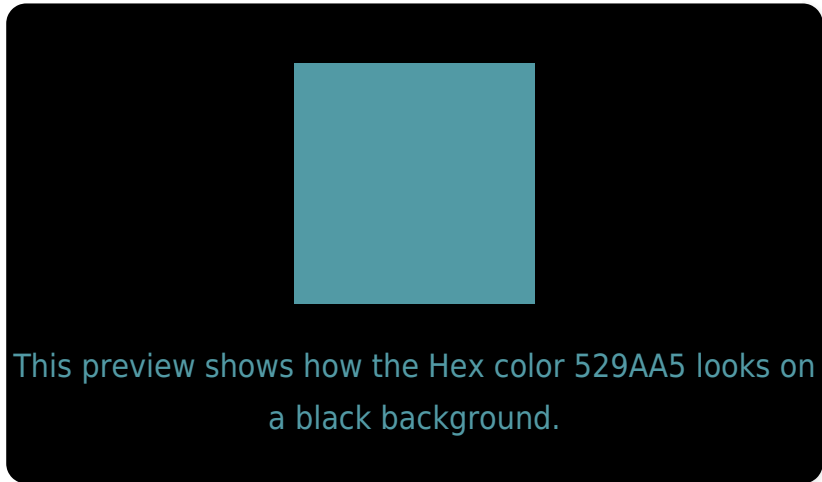
Large Text (above 18pt) WCAG AA ✓ Pass

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

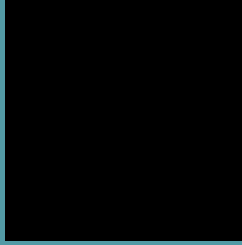
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 529AA5 Background



This preview shows how black text looks on a background with the Hex color 529AA5.

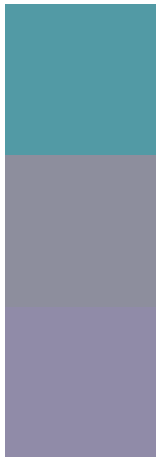


This preview shows how white text looks on a background with the Hex color 529AA5.

# 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](#).

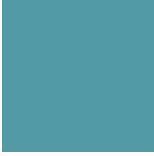
## Dichromacy



**Original Color**  
529AA5

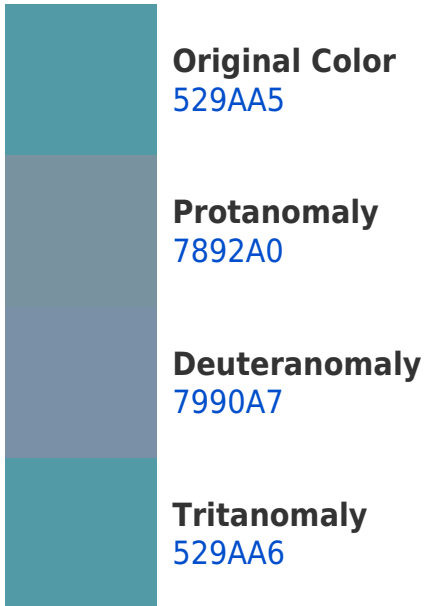
**Protanopia**  
8D8E9D

**Deuteranopia**  
908BA8

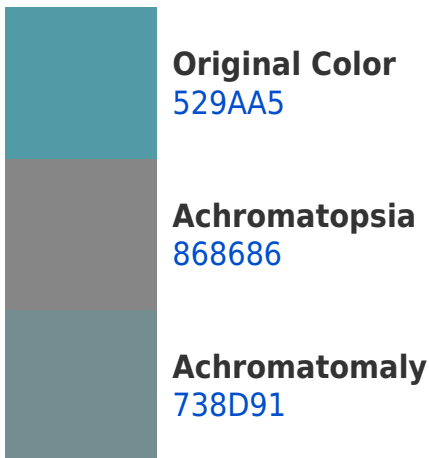


**Tritanopia**  
529AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 529AA5 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 #529AA5 looks like.

```
.text, #text, p{  
    color:#529AA5  
}
```

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 #529AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #529AA5  
}
```

## Border

The CSS property to change the border of an element to Hex 529AA5 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  
#529AA5 }
```

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

```
.border{ border-color:#529AA5 }
```

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

Here you see how a box with a 4 pixel #529AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #529AA5; -webkit-box-shadow:4px 4px  
4px 4px #529AA5; box-shadow:4px 4px 4px  
4px #529AA5 }
```

# Background

The CSS property to change the background color of an element to Hex 529AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#529AA5 }
```

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

```
.background{ background-color:#529AA5 }
```

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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