

# Converting Colors

Hex(529EA3)

Have a look what the booklet for  
Hex(529EA3) contains.

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# Color

Hex(529EA3)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 529EA3                       |
| RGB         | 82, 158, 163                 |
| RGB Percent | 32%, 62%, 64%                |
| CMY         | 0.6784, 0.3804, 0.3608       |
| CMYK        | 0.50, 0.03, 0.00, 0.36       |
| HSL         | 184°, 33%, 48%               |
| HSV         | 184°, 50%, 64%               |
| XYZ         | 22.3174, 28.8919, 39.0508    |
| YIQ         | 135.8460, -46.9010, -14.5570 |

# Conversions

## Conversions Part 2

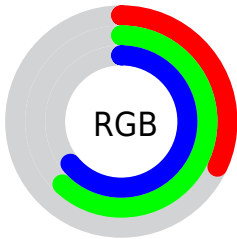
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 82, 121, 163                   |
| Decimal                             | 5414563                        |
| CIE <sub>Lab</sub>                  | 60.69, -22.08, -9.88           |
| CIE <sub>LCh</sub>                  | 61, 24.189, 204.108            |
| Yxy                                 | 28.8919, 0.2473,<br>0.3201     |
| Android<br>(android.graphics.Color) | 4283604643<br>(0xFF529EA3)     |
| YUV                                 | 135.8460, 13.3869,<br>-47.2229 |
| Hunter-Lab                          | 53.7512, -19.9517,<br>-5.4489  |

# Details

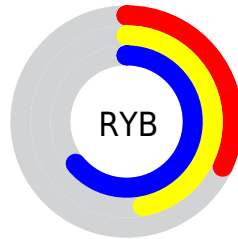
The Hex color **529EA3** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A35752**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **89D5DA**, and **136A6F** is the 20% darker color. If you saturate the color by 10%, you get **429DA3**, and if you desaturate by 10%, it is **629FA3**.

# Distribution



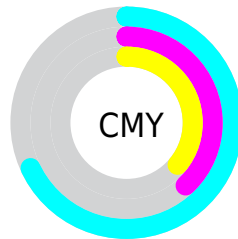
- Red (32%)
- Green (62%)
- Blue (64%)



- Red (32%)
- Yellow (47%)
- Blue (64%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (36%)



- Cyan (68%)
- Magenta (38%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 529EA3 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 529EA3 by changing the saturation by 10% instead.



■ 529EA3

■ 529EA3

FFFFFF

■ 368489

■ 89D5DA

■ 136A6F

■ A5F1F6

■ 005257

■ C2FFFF

■ 003A40

■ DFFFFF

■ 00252A

■ FCFFFF

■ 000616

■ 000000

■ 529EA3

■ 529EA3

■ 429DA3

■ 629FA3

319CA3

73A0A3

219BA3

83A1A3

119AA3

93A2A3

0199A3

A4A3A3

0099A3

B4A4A3

C4A5A3

D4A6A3

E5A7A3

# Harmonies

## Analogous

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



609E8D



529EA3



589BB4

# Triad

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



529EA3



AA87AC



A69068

# Complementary

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



529EA3



A35752

# 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.



B68971



529EA3



BA8397

# Square

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



529EA3



908EB9



BE8482



90966B

# Rectangle

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



529EA3



6898BB



BE8482



AC8D6A



# Sweetspot

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



529EA3



B4D2D4



52A356



586A6B



EBEBEB



6B6B6B



# Same Dimension

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



529EA3



55CCD4



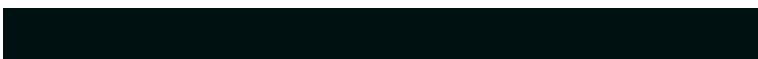
5276A3



495152



008891



001112



# Inverse Universe

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



A3529E



D455CC



A37F52



524951



910088

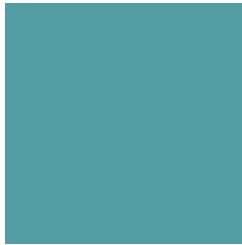


120011



# Previews

## White Background



This preview shows how the Hex color 529EA3 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

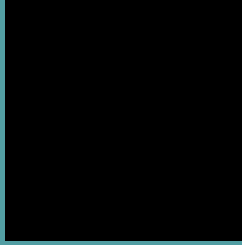
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 529EA3 Background



This preview shows how black text looks on a background with the Hex color 529EA3.

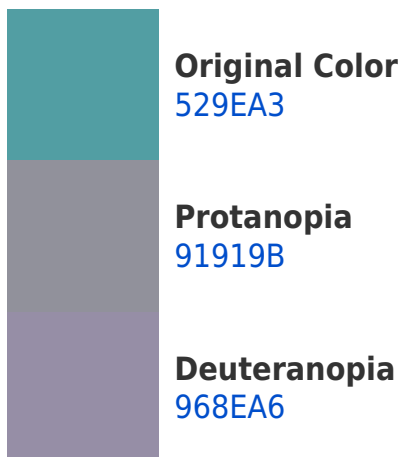


This preview shows how white text looks on a background with the Hex color 529EA3.

# 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](#).

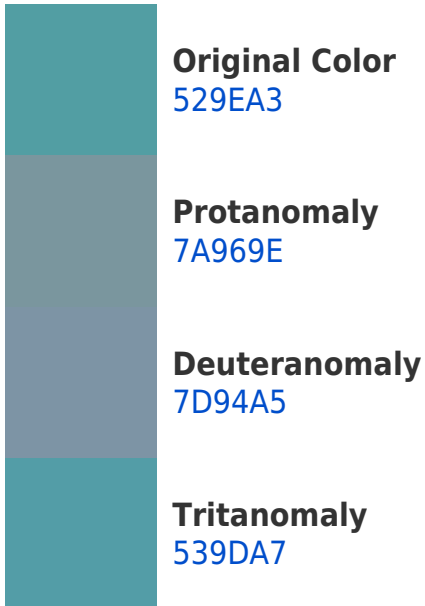
## Dichromacy



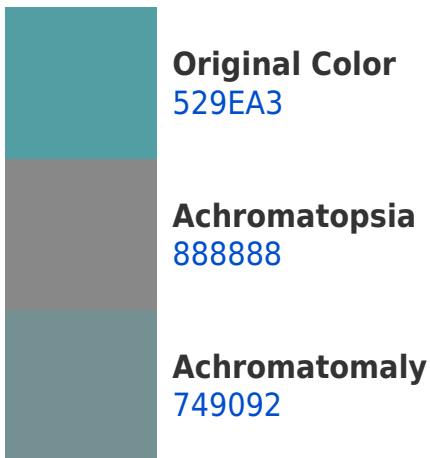


**Tritanopia**  
549DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 529EA3 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 #529EA3 looks like.

```
.text, #text, p{  
    color:#529EA3  
}
```

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 #529EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #529EA3  
}
```

## Border

The CSS property to change the border of an element to Hex 529EA3 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  
#529EA3 }
```

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

```
.border{ border-color:#529EA3 }
```

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

Here you see how a box with a 4 pixel #529EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #529EA3; -webkit-box-shadow:4px 4px  
4px 4px #529EA3; box-shadow:4px 4px 4px  
4px #529EA3 }
```

# Background

The CSS property to change the background color of an element to Hex 529EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#529EA3 }
```

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

```
.background{ background-color:#529EA3 }
```

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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