

# Converting Colors

Hex(2A69AA)

Have a look what the booklet for  
Hex(2A69AA) contains.

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# Color

**Hex(2A69AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A69AA
RGB	42, 105, 170
RGB Percent	16%, 41%, 67%
CMY	0.8353, 0.5882, 0.3333
CMYK	0.75, 0.38, 0.00, 0.33
HSL	210°, 60%, 42%
HSV	210°, 75%, 67%
XYZ	13.2621, 13.4977, 39.9365
YIQ	93.5730, -58.4130, 6.8590

# Conversions

## Conversions Part 2

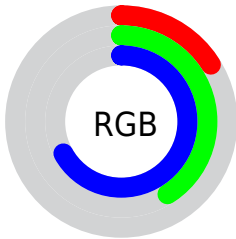
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	42, 84, 170
Decimal	2779562
CIE Lab	43.50, 2.85, -40.57
CIE LCh	44, 40.671, 274.023
Yxy	13.4977, 0.1988, 0.2024
Android (android.graphics.Color)	4280969642 (0xFF2A69AA)
YUV	93.5730, 37.6785, -45.2295
Hunter-Lab	36.7392, 0.1414, -38.7325

# Details

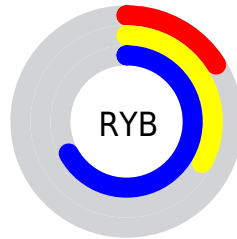
The Hex color **2A69AA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA6B2A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **699CE2**, and **003B75** is the 20% darker color. If you saturate the color by 10%, you get **1960AA**, and if you desaturate by 10%, it is **3B72AA**.

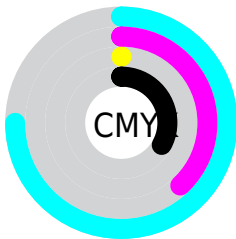
# Distribution



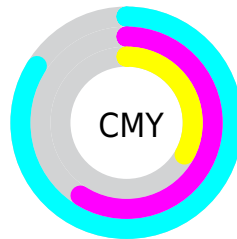
- Red (16%)
- Green (41%)
- Blue (67%)



- Red (16%)
- Yellow (33%)
- Blue (67%)



- Cyan (75%)
- Magenta (38%)
- Yellow (0%)
- Black (33%)



- Cyan (84%)
- Magenta (59%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A69AA 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 2A69AA by changing the saturation by 10% instead.



■ 2A69AA

■ 2A69AA

FFFFFF

■ 00518F

■ 699CE2

■ 003B75

■ 86B7FF

■ 00265C

■ A3D2FF

■ 001044

■ C0EEFF

■ 00032D

■ DDFFFF

■ 000118

■ FBFFFF

■ 000000

■ 2A69AA

■ 2A69AA

■ 1960AA

■ 3B72AA

■ 0858AA

■ 4C7AAA

■ 0054AA

■ 5D83AA

■ 6E8CAA

■ 7F94AA

■ 909DAA

■ A1A5AA

■ B2AEAA

■ C3B7AA

# Harmonies

## Analogous

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



0072A3



2A69AA



6E5C9F

# Triad

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



2A69AA



A24E43



1E7548

# Complementary

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



2A69AA



AA6B2A

# 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.



52702C



2A69AA



915A29

# Square

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



2A69AA



A44864



75671F



00776A

# Rectangle

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



2A69AA



8A538F



75671F



34743D



# Sweetspot

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



2A69AA



ABC4DE



2AAA6A



516070



F0F0F0



707070



# Same Dimension

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



2A69AA



1678DE



2A2AAA



4C5054



004994



000A14



# Inverse Universe

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



AA2A69



DE1678



AAAA2A



544C50



940049



14000A



# Previews

## White Background



This preview shows how the Hex color 2A69AA looks on a white background.

## Color Contrast Check

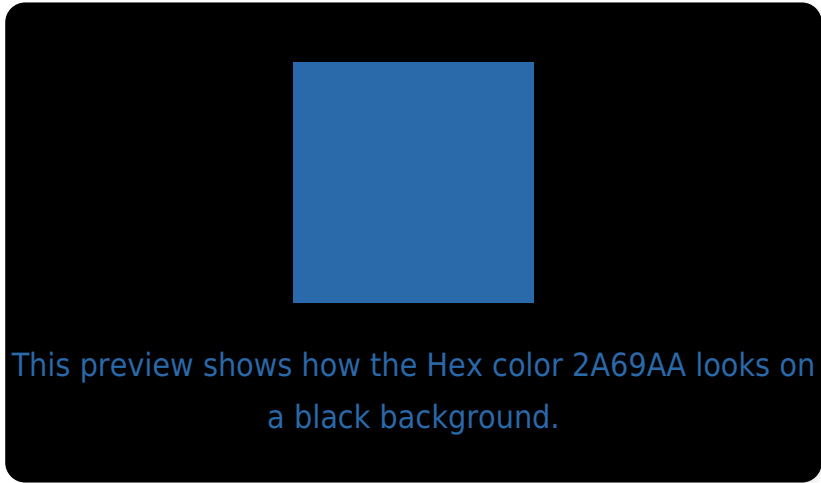
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 2A69AA Background



This preview shows how black text looks on a background with the Hex color 2A69AA.

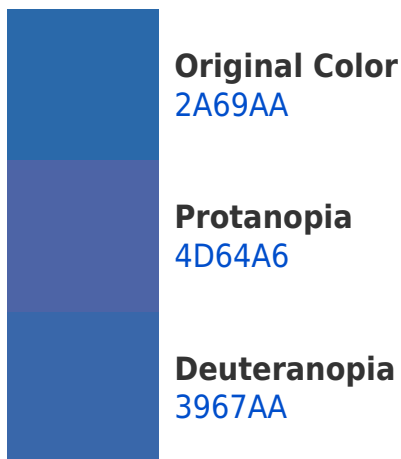


This preview shows how white text looks on a background with the Hex color 2A69AA.

# 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](#).

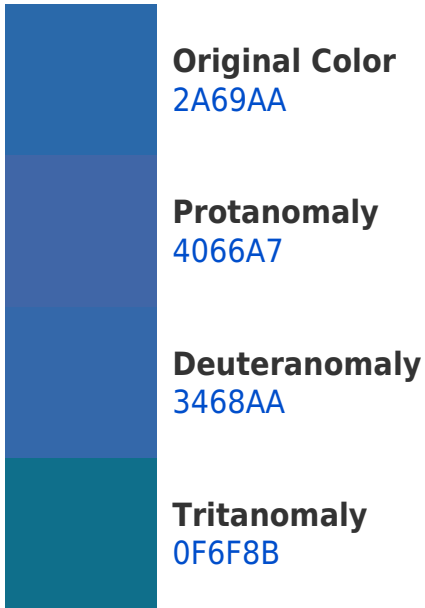
## Dichromacy



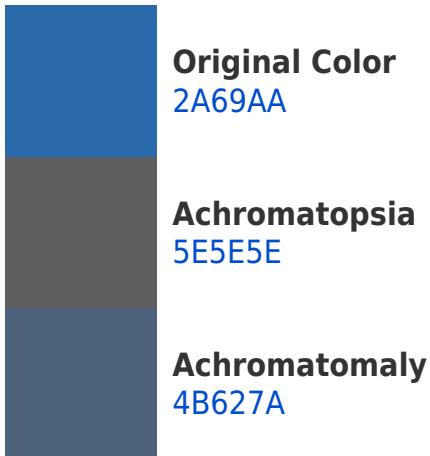


**Tritanopia**  
00727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A69AA 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 #2A69AA looks like.

```
.text, #text, p{  
    color:#2A69AA  
}
```

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 #2A69AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A69AA
}
```

## Border

The CSS property to change the border of an element to Hex 2A69AA 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
#2A69AA }
```

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

```
.border{ border-color:#2A69AA }
```

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

Here you see how a box with a 4 pixel #2A69AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A69AA; -webkit-box-shadow:4px 4px  
4px 4px #2A69AA; box-shadow:4px 4px 4px  
4px #2A69AA }
```

# Background

The CSS property to change the background color of an element to Hex 2A69AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A69AA }
```

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

```
.background{ background-color:#2A69AA }
```

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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