

Converting Colors

Hex(2A6AAD)

Have a look what the booklet for
Hex(2A6AAD) contains.

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Color

Hex(2A6AAD)

Conversions

Conversions Part 1

Format	Color
Hex	2A6AAD
RGB	42, 106, 173
RGB Percent	16%, 42%, 68%
CMY	0.8353, 0.5843, 0.3216
CMYK	0.76, 0.39, 0.00, 0.32
HSL	211°, 61%, 42%
HSV	211°, 76%, 68%
XYZ	13.6517, 13.8174, 41.4827
YIQ	94.5020, -59.6510, 7.2690

Conversions

Conversions Part 2

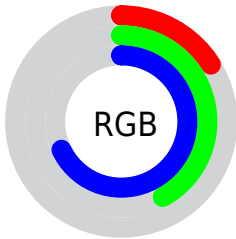
Format	Color
R_{YB}	42, 85, 173
Decimal	2779821
CIE _{Lab}	43.97, 3.36, -41.59
CIE _{LCh}	44, 41.727, 274.617
Yxy	13.8174, 0.1980, 0.2004
Android (android.graphics.Color)	4280969901 (0xFF2A6AAD)
YUV	94.5020, 38.6995, -46.0443
Hunter-Lab	37.1718, 0.5052, -40.1457

Details

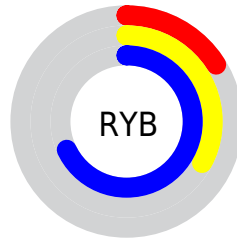
The Hex color **2A6AAD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD6D2A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6A9DE5**, and **003B78** is the 20% darker color. If you saturate the color by 10%, you get **1961AD**, and if you desaturate by 10%, it is **3B73AD**.

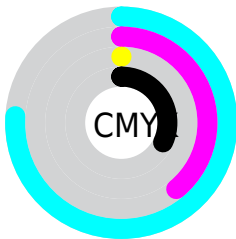
Distribution



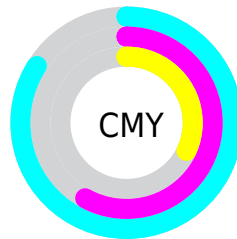
- Red (16%)
- Green (42%)
- Blue (68%)



- Red (16%)
- Yellow (33%)
- Blue (68%)



- Cyan (76%)
- Magenta (39%)
- Yellow (0%)
- Black (32%)



- Cyan (84%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6AAD 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 2A6AAD by changing the saturation by 10% instead.

■ 2A6AAD

■ 2A6AAD

FFFFFF

■ 005292

■ 6A9DE5

■ 003B78

■ 87B8FF

■ 00265F

■ A4D3FF

■ 001247

■ C1EFFF

■ 000430

■ DEFFFF

■ 00011A

■ FCFFFF

■ 000000

■ 2A6AAD

■ 2A6AAD

■ 1961AD

■ 3B73AD

0758AD

4D7CAD

0055AD

5E85AD

6F8DAD

8196AD

929FAD

A3A8AD

B4B1AD

C6BAAD

Harmonies

Analogous

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



0073A6



2A6AAD



715DA1

Triad

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



2A6AAD



A44E42



1A7749

Complementary

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



2A6AAD



AD6D2A

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.



52712C



2A6AAD



925B28

Square

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



2A6AAD



A74964



76681E



00796C

Rectangle

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



2A6AAD



8C5390



76681E



33753E

Sweetspot

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



2A6AAD



ADC6E0



2AAD6C



516070



F0F0F0



707070

Same Dimension

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



2A6AAD



1478E0



2A2AAD



4E5257



004A96



000B17

Inverse Universe

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



AD2A6A



E01478



ADAD2A



574E52



96004A



17000B

Previews

White Background



This preview shows how the Hex color 2A6AAD looks on a white background.

Color Contrast Check

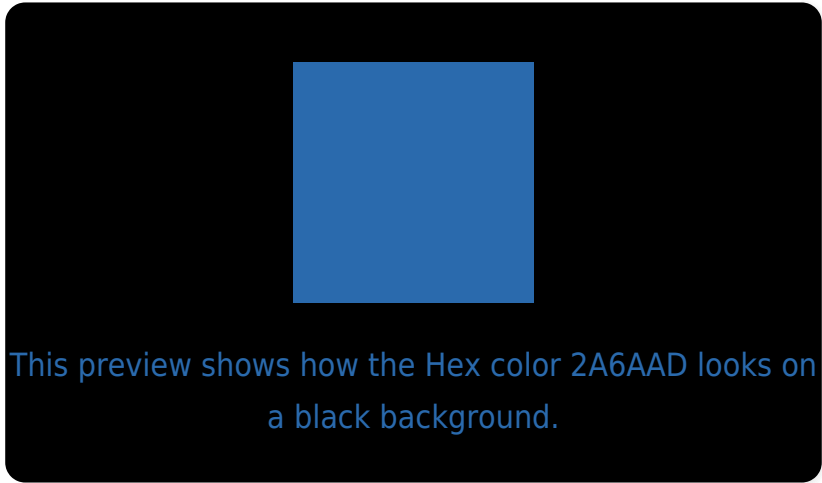
Large Text (above 18pt) WCAG AA ✓ Pass

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

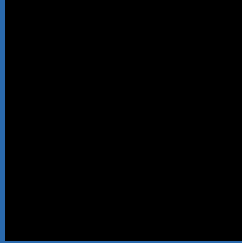
Any Text WCAG AA × Fail

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 2A6AAD Background



This preview shows how black text looks on a background with the Hex color 2A6AAD.

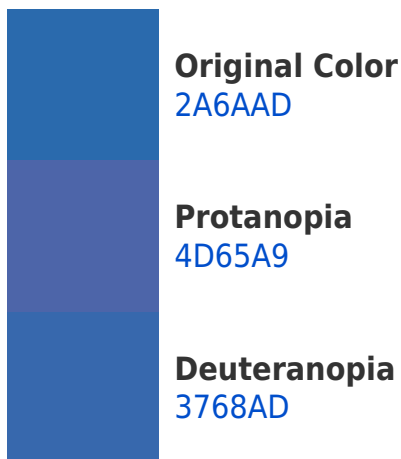


This preview shows how white text looks on a background with the Hex color 2A6AAD.

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](#).

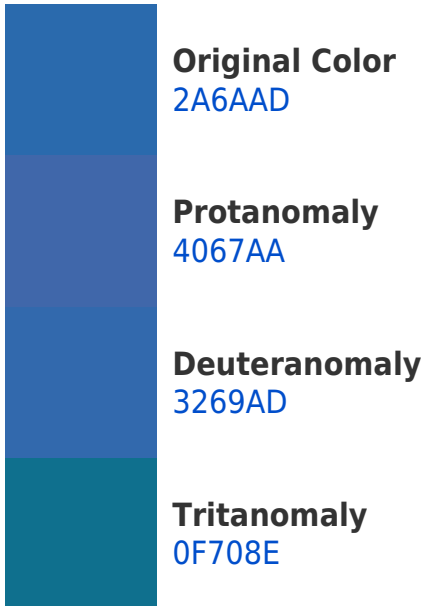
Dichromacy



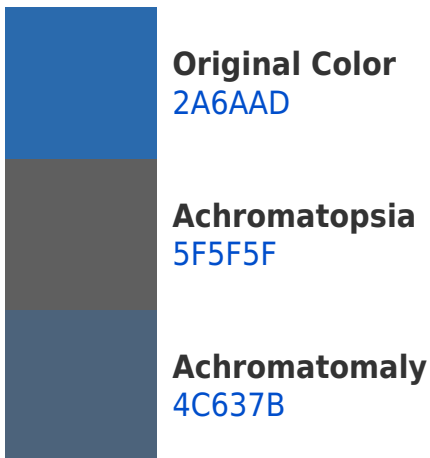


Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6AAD 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 #2A6AAD looks like.

```
.text, #text, p{  
    color:#2A6AAD  
}
```

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 #2A6AAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6AAD
}
```

Border

The CSS property to change the border of an element to Hex 2A6AAD 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
#2A6AAD }
```

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

```
.border{ border-color:#2A6AAD }
```

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

Here you see how a box with a 4 pixel #2A6AAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6AAD; -webkit-box-shadow:4px 4px  
4px 4px #2A6AAD; box-shadow:4px 4px 4px  
4px #2A6AAD }
```

Background

The CSS property to change the background color of an element to Hex 2A6AAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6AAD }
```

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

```
.background{ background-color:#2A6AAD }
```

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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