

Converting Colors

Hex(2A67A1)

Have a look what the booklet for
Hex(2A67A1) contains.

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Color

Hex(2A67A1)

Conversions

Conversions Part 1

Format	Color
Hex	2A67A1
RGB	42, 103, 161
RGB Percent	16%, 40%, 63%
CMY	0.8353, 0.5961, 0.3686
CMYK	0.74, 0.36, 0.00, 0.37
HSL	209°, 59%, 40%
HSV	209°, 74%, 63%
XYZ	12.2381, 12.7659, 35.5373
YIQ	91.3730, -54.9740, 5.1060

Conversions

Conversions Part 2

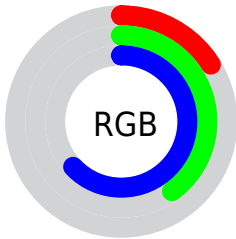
Format	Color
R_{YB}	42, 82, 161
Decimal	2779041
CIE _{Lab}	42.41, 0.72, -37.00
CIE _{LCh}	42, 37.004, 271.116
Yxy	12.7659, 0.2021, 0.2109
Android (android.graphics.Color)	4280969121 (0xFF2A67A1)
YUV	91.3730, 34.3261, -43.3001
Hunter-Lab	35.7295, -1.3864, -33.9604

Details

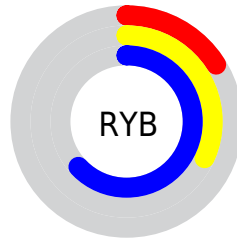
The Hex color **2A67A1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A1642A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **679AD8**, and **00396D** is the 20% darker color. If you saturate the color by 10%, you get **1A5FA1**, and if you desaturate by 10%, it is **3A6FA1**.

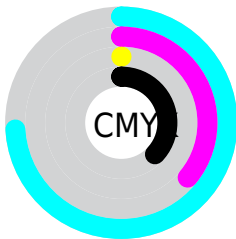
Distribution



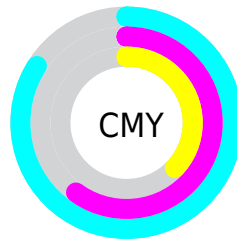
- Red (16%)
- Green (40%)
- Blue (63%)



- Red (16%)
- Yellow (32%)
- Blue (63%)



- Cyan (74%)
- Magenta (36%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A67A1 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 2A67A1 by changing the saturation by 10% instead.

■ 2A67A1

■ 2A67A1

FFFFFF

■ 004F87

■ 679AD8

■ 00396D

■ 84B4F5

■ 002454

■ A0D0FF

■ 000E3D

■ BDECFF

■ 000326

■ DAFFFF

■ 00010F

■ F8FFFF

■ 000000

■ 2A67A1

■ 2A67A1

■ 1A5FA1

■ 3A6FA1

■ 0A57A1

■ 4A77A1

■ 0053A1

■ 5A7FA1

■ 6A86A1

■ 7A8EA1

■ 8B96A1

■ 9B9EA1

■ ABA6A1

■ BBAEA1

Harmonies

Analogous

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



006F99



2A67A1



675C98

Triad

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



2A67A1



9B4D46



2C7145

Complementary

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



2A67A1



A1642A

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.



556C2D



2A67A1



8D582F

Square

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



2A67A1



9B4A64



746324



007364

Rectangle

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



2A67A1



81538B



746324



3C6F3C

Sweetspot

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



2A67A1



A3BBD1



2AA164



4D5B69



E8E8E8



696969

Same Dimension

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



2A67A1



1776D1



2A2CA1



494E52



004B91



000912

Inverse Universe

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



A12A67



D11776



A19F2A



52494E



91004B



120009

Previews

White Background



This preview shows how the Hex color 2A67A1 looks on a white background.

Color Contrast Check

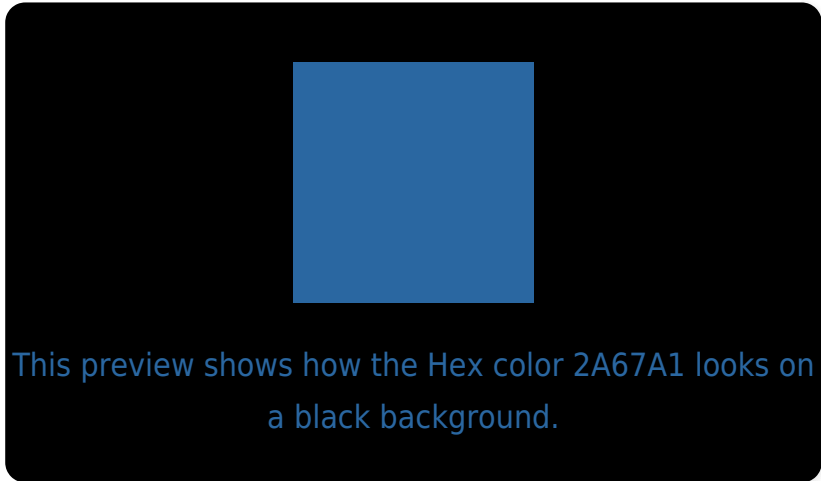
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A67A1 Background



This preview shows how black text looks on a background with the Hex color 2A67A1.

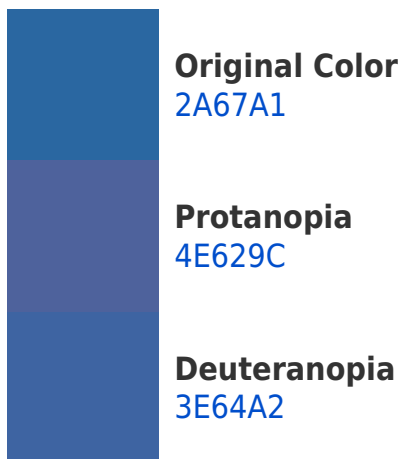


This preview shows how white text looks on a background with the Hex color 2A67A1.

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](#).

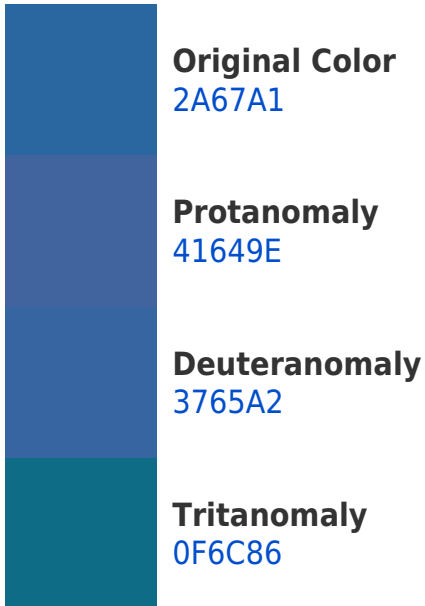
Dichromacy



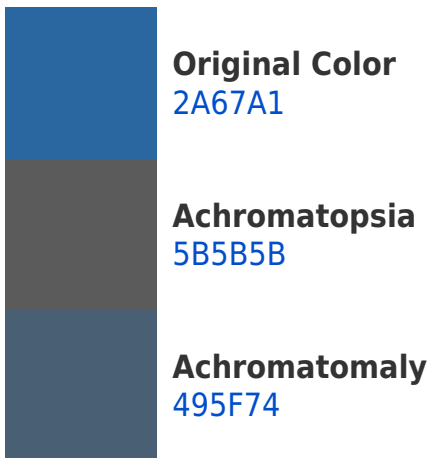


Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A67A1 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 #2A67A1 looks like.

```
.text, #text, p{  
    color:#2A67A1  
}
```

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 #2A67A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A67A1
}
```

Border

The CSS property to change the border of an element to Hex 2A67A1 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
#2A67A1 }
```

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

```
.border{ border-color:#2A67A1 }
```

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

Here you see how a box with a 4 pixel #2A67A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A67A1; -webkit-box-shadow:4px 4px  
4px 4px #2A67A1; box-shadow:4px 4px 4px  
4px #2A67A1 }
```

Background

The CSS property to change the background color of an element to Hex 2A67A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A67A1 }
```

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

```
.background{ background-color:#2A67A1 }
```

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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