

Converting Colors

Hex(2A5B9D)

Have a look what the booklet for
Hex(2A5B9D) contains.

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Color

Hex(2A5B9D)

Conversions

Conversions Part 1

Format	Color
Hex	2A5B9D
RGB	42, 91, 157
RGB Percent	16%, 36%, 62%
CMY	0.8353, 0.6431, 0.3843
CMYK	0.73, 0.42, 0.00, 0.38
HSL	214°, 58%, 39%
HSV	214°, 73%, 62%
XYZ	10.7817, 10.4087, 33.3391
YIQ	83.8730, -50.3900, 10.1380

Conversions

Conversions Part 2

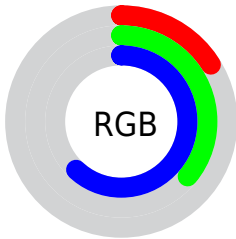
Format	Color
R _Y B	42, 76, 157
Decimal	2775965
CIE Lab	38.57, 6.84, -40.72
CIE LCh	39, 41.292, 279.536
Yxy	10.4087, 0.1977, 0.1909
Android (android.graphics.Color)	4280966045 (0xFF2A5B9D)
YUV	83.8730, 36.0516, -36.7226
Hunter-Lab	32.2626, 3.1929, -38.6846




Details

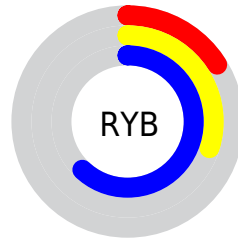
The Hex color **2A5B9D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D6C2A**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **668DD4**, and **002E69** is the 20% darker color. If you saturate the color by 10%, you get **1A529D**, and if you desaturate by 10%, it is **3A649D**.

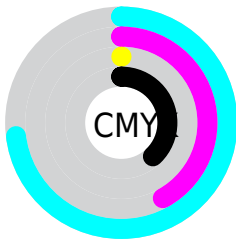
Distribution







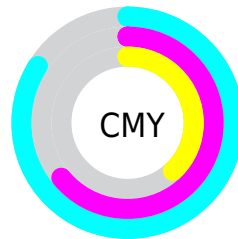
-  Red (16%)
-  Green (36%)
-  Blue (62%)






-  Red (16%)
-  Yellow (30%)
-  Blue (62%)



-  Cyan (73%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (84%)
-  Magenta (64%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5B9D 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 2A5B9D by changing the saturation by 10% instead.

■ 2A5B9D

■ 2A5B9D

FFFFFF

■ 004483

■ 668DD4

■ 002E69

■ 83A7F1

■ 001A50

■ 9FC2FF

■ 000539

■ BCDEFF

■ 000223

■ D9FAFF

■ 000009

■ F7FFFF

■ 000000

■ 2A5B9D

■ 2A5B9D

■ 1A529D

■ 3A649D

■ 0B499D

■ 496D9D

■ 00439D

■ 59769D

■ 697F9D

■ 79889D

■ 88919D

■ 989A9D

■ A8A39D

■ B7AC9D

Harmonies

Analogous

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



006599



2A5B9D



6A4D8F

Triad

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



2A5B9D



924332



006942

Complementary

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



2A5B9D



9D6C2A

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.



3E6524



2A5B9D



7F5119

Square

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



2A5B9D



983B51



625D11



006B65

Rectangle

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



2A5B9D



83447D



625D11



186837

Sweetspot

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



2A5B9D



9FB2CC



2A9D6B



4B5766



E6E6E6



666666

Same Dimension

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



2A5B9D



1865CC



322A9D



474B4F



003D8F



00070F

Inverse Universe

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



9D2A5B



CC1865



959D2A



4F474B



8F003D



0F0007

Previews

White Background



This preview shows how the Hex color 2A5B9D looks on a white background.

Color Contrast Check

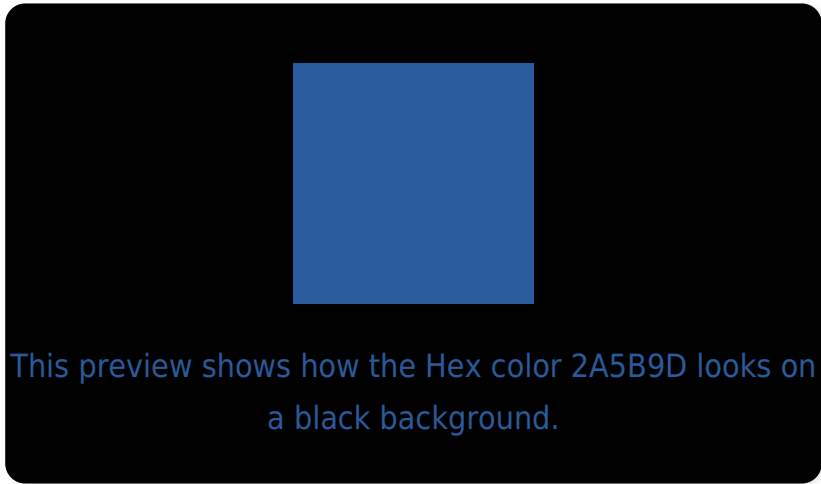
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A5B9D Background



This preview shows how black text looks on a background with the Hex color 2A5B9D.

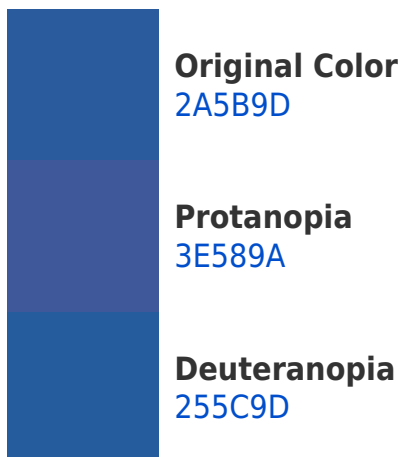


This preview shows how white text looks on a background with the Hex color 2A5B9D.

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](#).

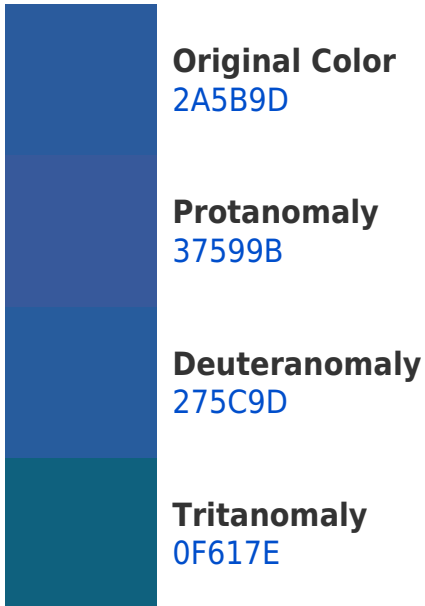
Dichromacy



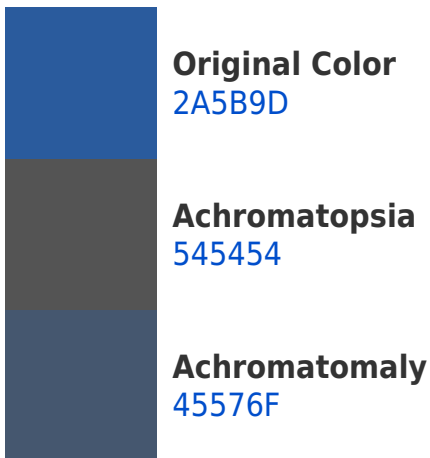


Tritanopia
00656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5B9D 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 #2A5B9D looks like.

```
.text, #text, p{  
    color:#2A5B9D  
}
```

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 #2A5B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5B9D
}
```

Border

The CSS property to change the border of an element to Hex 2A5B9D 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
#2A5B9D }
```

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

```
.border{ border-color:#2A5B9D }
```

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

Here you see how a box with a 4 pixel #2A5B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5B9D; -webkit-box-shadow:4px 4px  
4px 4px #2A5B9D; box-shadow:4px 4px 4px  
4px #2A5B9D }
```

Background

The CSS property to change the background color of an element to Hex 2A5B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5B9D }
```

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

```
.background{ background-color:#2A5B9D }
```

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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