

Converting Colors

Hex(2A5B98)

Have a look what the booklet for
Hex(2A5B98) contains.

Hex(2A5B98)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A5B98)

Conversions

Conversions Part 1

Format	Color
Hex	2A5B98
RGB	42, 91, 152
RGB Percent	16%, 36%, 60%
CMY	0.8353, 0.6431, 0.4039
CMYK	0.72, 0.40, 0.00, 0.40
HSL	213°, 57%, 38%
HSV	213°, 72%, 60%
XYZ	10.3634, 10.2414, 31.1363
YIQ	83.3030, -48.7850, 8.5830

Conversions

Conversions Part 2

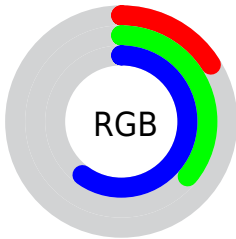
Format	Color
RYB	42, 76, 152
Decimal	2775960
CIELab	38.27, 4.94, -38.19
CIELCh	38, 38.510, 277.364
Yxy	10.2414, 0.2003, 0.1979
Android (android.graphics.Color)	4280966040 (0xFF2A5B98)
YUV	83.3030, 33.8676, -36.2227
Hunter-Lab	32.0022, 1.8007, -35.2843

Details

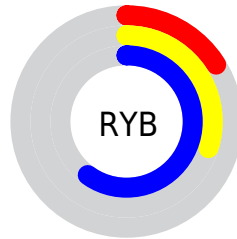
The Hex color **2A5B98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98672A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **658DCF**, and **002E64** is the 20% darker color. If you saturate the color by 10%, you get **1B5398**, and if you desaturate by 10%, it is **396398**.

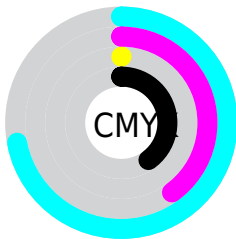
Distribution



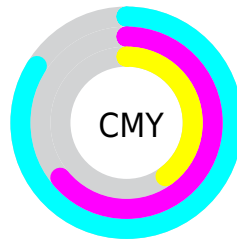
- Red (16%)
- Green (36%)
- Blue (60%)



- Red (16%)
- Yellow (30%)
- Blue (60%)



- Cyan (72%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5B98 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 2A5B98 by changing the saturation by 10% instead.

■ 2A5B98

■ 2A5B98

FFFFFF

■ 00447E

■ 658DCF

■ 002E64

■ 81A7EB

■ 001A4C

■ 9EC2FF

■ 000535

■ BADEFF

■ 00021F

■ D7FAFF

■ 000002

■ F5FFFF

■ 000000

■ 2A5B98

■ 2A5B98

■ 1B5398

■ 396398

■ 0C4A98

■ 486C98

■ 004498

■ 587498

■ 677D98

■ 768598

■ 858E98

■ 949698

■ A49E98

■ B3A798

Harmonies

Analogous

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



006493



2A5B98



664F8C

Triad

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



2A5B98



8F4436



066841

Complementary

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



2A5B98



98672A

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.



436326



2A5B98



7E501F

Square

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



2A5B98



933E54



645B17



006961

Rectangle

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



2A5B98



7D467C



645B17



246637

Sweetspot

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



2A5B98



99ACC4



2A9866



4A5563



E3E3E3



636363

Same Dimension

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



2A5B98



1A66C4



302A98



45484D



003E8C



00060D

Inverse Universe

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



982A5B



C41A66



93982A



4D4548



8C003E



0D0006

Previews

White Background



This preview shows how the Hex color 2A5B98 looks on a white background.

Color Contrast Check

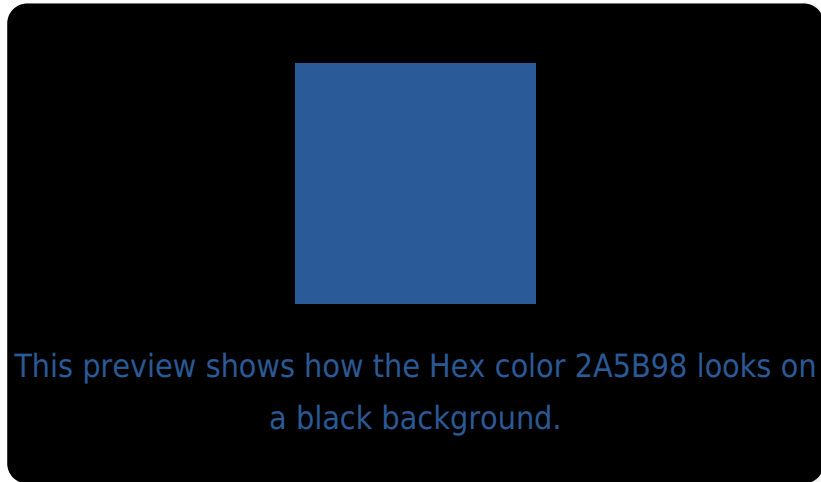
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A5B98 Background



This preview shows how black text looks on a background with the Hex color 2A5B98.



This preview shows how white text looks on a background with the Hex color 2A5B98.

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](#).

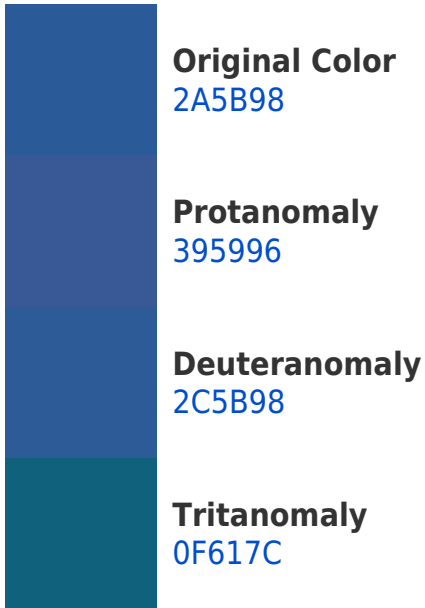
Dichromacy



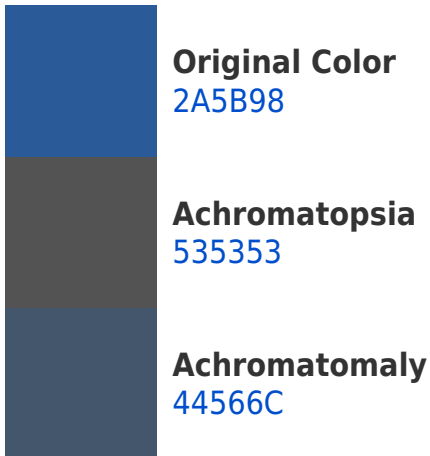


Tritanopia
00646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5B98 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 #2A5B98 looks like.

```
.text, #text, p{  
    color:#2A5B98  
}
```

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 #2A5B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5B98  
}
```

Border

The CSS property to change the border of an element to Hex 2A5B98 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  
#2A5B98 }
```

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

```
.border{ border-color:#2A5B98 }
```

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

Here you see how a box with a 4 pixel #2A5B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5B98; -webkit-box-shadow:4px 4px  
4px 4px #2A5B98; box-shadow:4px 4px 4px  
4px #2A5B98 }
```

Background

The CSS property to change the background color of an element to Hex 2A5B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5B98 }
```

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

```
.background{ background-color:#2A5B98 }
```

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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