

Converting Colors

Hex(2A5182)

Have a look what the booklet for
Hex(2A5182) contains.

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Color

Hex(2A5182)

Conversions

Conversions Part 1

Format	Color
Hex	2A5182
RGB	42, 81, 130
RGB Percent	16%, 32%, 51%
CMY	0.8353, 0.6824, 0.4902
CMYK	0.68, 0.38, 0.00, 0.49
HSL	213°, 51%, 34%
HSV	213°, 68%, 51%
XYZ	7.9265, 7.9888, 22.2433
YIQ	74.9250, -38.9730, 6.9710

Conversions

Conversions Part 2

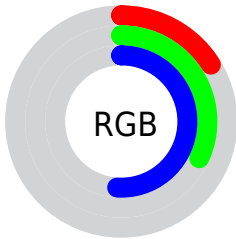
Format	Color
RYB	42, 69, 130
Decimal	2773378
CIELab	33.96, 3.11, -31.65
CIELCh	34, 31.805, 275.606
Yxy	7.9888, 0.2077, 0.2094
Android (android.graphics.Color)	4280963458 (0xFF2A5182)
YUV	74.9250, 27.1520, -28.8752
Hunter-Lab	28.2645, 0.5960, -26.8744




Details

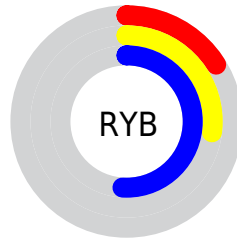
The Hex color **2A5182** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **825B2A**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **6182B7**, and **002550** is the 20% darker color. If you saturate the color by 10%, you get **1D4A82**, and if you desaturate by 10%, it is **375882**.

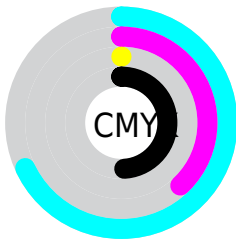
Distribution







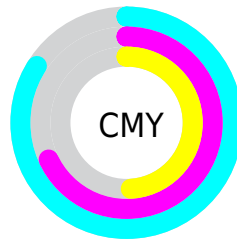
-  Red (16%)
-  Green (32%)
-  Blue (51%)






-  Red (16%)
-  Yellow (27%)
-  Blue (51%)



-  Cyan (68%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (84%)
-  Magenta (68%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5182 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 2A5182 by changing the saturation by 10% instead.

■ 2A5182

■ 2A5182

FFFFFF

■ 033A69

■ 6182B7

■ 002550

■ 7C9CD3

■ 001039

■ 98B7EF

■ 000223

■ B4D2FF

■ 00000A

■ D0EEFF

■ 000000

■ EDFFFF

■ 2A5182

■ 2A5182

■ 1D4A82

■ 375882

■ 104382

■ 445F82

■ 033B82

■ 516782

■ 003A82

■ 5E6E82

■ 6B7582

■ 787C82

■ 858482

■ 928B82

■ 9F9282

Harmonies

Analogous

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



00587D



2A5182



584779

Triad

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



2A5182



7C3E34



1A5B3A

Complementary

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



2A5182



825B2A

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.



3F5725



2A5182



6F4722

Square

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



2A5182



7E3A4C



5A501B



005C54

Rectangle

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



2A5182



6B416D



5A501B



295A32

Sweetspot

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



2A5182



8796A8



2A825A



404954



D4D4D4



545454

Same Dimension

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



2A5182



205CA8



2E2A82



393C40



003980



000000

Inverse Universe

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



822A51



A8205C



7E822A



40393C



800039



000000

Previews

White Background



This preview shows how the Hex color 2A5182 looks on a white background.

Color Contrast Check

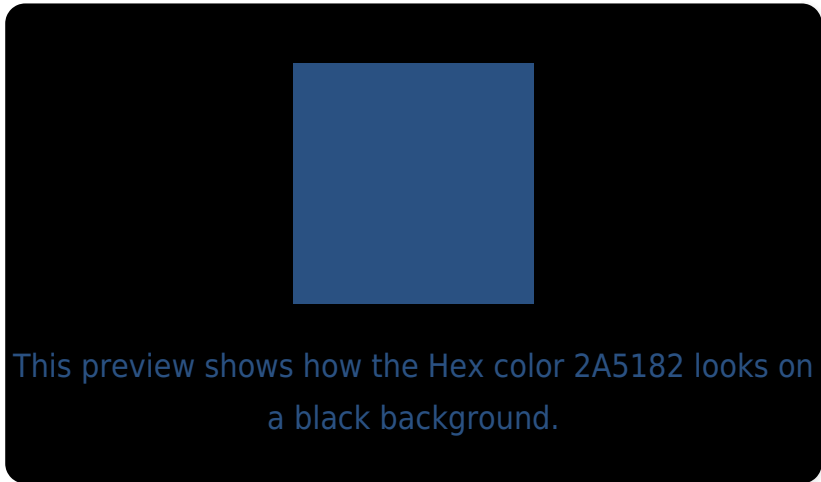
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

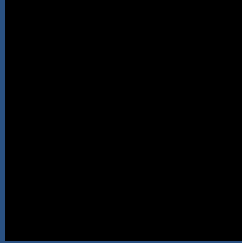
Any Text WCAG AA × Fail

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 2A5182 Background



This preview shows how black text looks on a background with the Hex color 2A5182.



This preview shows how white text looks on a background with the Hex color 2A5182.

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



Original Color


2A5182

Protanopia

3D4E7F

Deuteranopia

305082



Tritanopia
11585F

Trichromacy



Original Color
2A5182

Protanomaly
364F80

Deuteranomaly
2E5082

Tritanomaly
1A556C

Monochromacy



Original Color
2A5182

Achromatopsia
4B4B4B

Achromatomaly
3F4D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5182 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 #2A5182 looks like.

```
.text, #text, p{  
    color:#2A5182  
}
```

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 #2A5182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5182
}
```

Border

The CSS property to change the border of an element to Hex 2A5182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

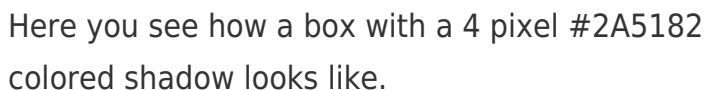
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A5182 }
```

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

```
.border{ border-color:#2A5182 }
```

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



Here you see how a box with a 4 pixel #2A5182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5182; -webkit-box-shadow:4px 4px  
4px 4px #2A5182; box-shadow:4px 4px 4px  
4px #2A5182 }
```

Background

The CSS property to change the background color of an element to Hex 2A5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5182 }
```

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

```
.background{ background-color:#2A5182 }
```

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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