

Converting Colors

Hex(2A5885)

Have a look what the booklet for
Hex(2A5885) contains.

Hex(2A5885)	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(2A5885)

Conversions

Conversions Part 1

Format	Color
Hex	2A5885
RGB	42, 88, 133
RGB Percent	16%, 35%, 52%
CMY	0.8353, 0.6549, 0.4784
CMYK	0.68, 0.34, 0.00, 0.48
HSL	210°, 52%, 34%
HSV	210°, 68%, 52%
XYZ	8.6782, 9.1651, 23.5020
YIQ	79.3760, -41.8610, 4.2430

Conversions

Conversions Part 2

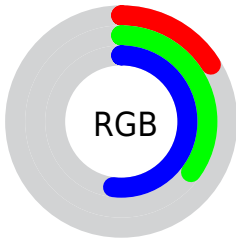
Format	Color
RYB	42, 73, 133
Decimal	2775173
CIELab	36.30, -0.28, -29.80
CIElCh	36, 29.800, 269.452
Yxy	9.1651, 0.2099, 0.2217
Android (android.graphics.Color)	4280965253 (0xFF2A5885)
YUV	79.3760, 26.4366, -32.7788
Hunter-Lab	30.2740, -1.8115, -24.8356




Details

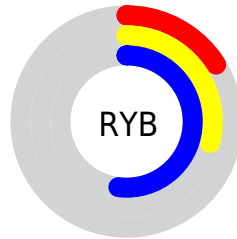
The Hex color **2A5885** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85572A**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **628ABA**, and **002B53** is the 20% darker color. If you saturate the color by 10%, you get **1D5185**, and if you desaturate by 10%, it is **375F85**.

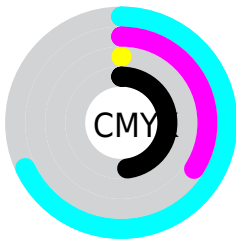
Distribution







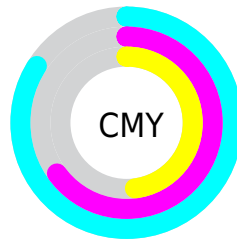
-  Red (16%)
-  Green (35%)
-  Blue (52%)






-  Red (16%)
-  Yellow (29%)
-  Blue (52%)



-  Cyan (68%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5885 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 2A5885 by changing the saturation by 10% instead.

■ 2A5885

■ 2A5885

FFFFFF

■ 02416C

■ 628ABA

■ 002B53

■ 7DA4D6

■ 00173C

■ 98BFF3

■ 000226

■ B5DBFF

■ 00010E

■ D1F7FF

■ 000000

■ EEEFFF

■ 2A5885

■ 2A5885

■ 1D5185

■ 375F85

■ 0F4B85

■ 456585

■ 024485

■ 526C85

■ 004385

■ 5F7285

■ 6D7985

■ 7A7F85

■ 878685

■ 948D85

■ A29385

Harmonies

Analogous

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



005E7E



2A5885



564F7F

Triad

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



2A5885



81443F



2E5F3C

Complementary

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



2A5885



85572A

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.



4C5B2A



2A5885



774B2D

Square

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



2A5885



814157



645424



006254

Rectangle

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



2A5885



6B4975



645424



395E35

Sweetspot

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



2A5885



899BAD



2A8556



414C57



D6D6D6



575757

Same Dimension

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



2A5885



1F67AD



2A2C85



3C3F42



004282



000103

Inverse Universe

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



852A58



AD1F67



85832A



423C3F



820042



030001

Previews

White Background



This preview shows how the Hex color 2A5885 looks on a white background.

Color Contrast Check

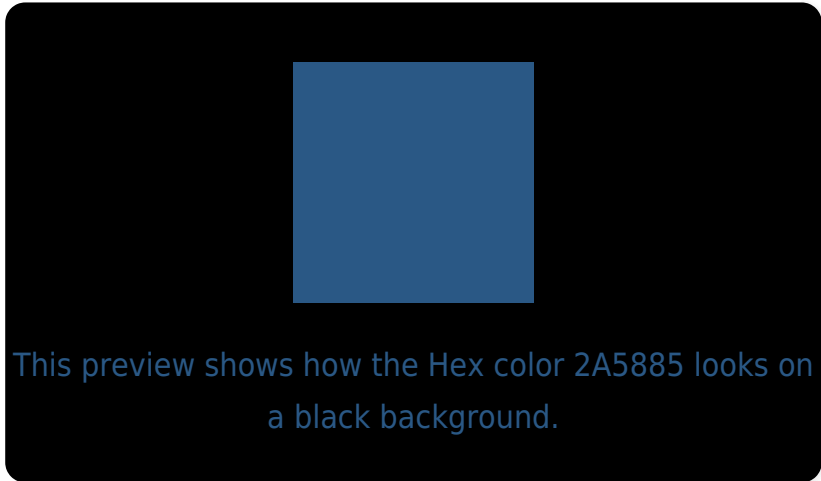
Large Text (above 18pt) WCAG AA ✓ Pass

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

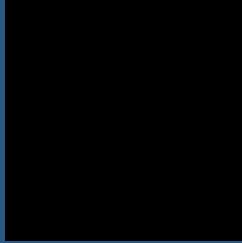
Any Text WCAG AA × Fail

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 2A5885 Background



This preview shows how black text looks on a background with the Hex color 2A5885.



This preview shows how white text looks on a background with the Hex color 2A5885.

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
2A5885

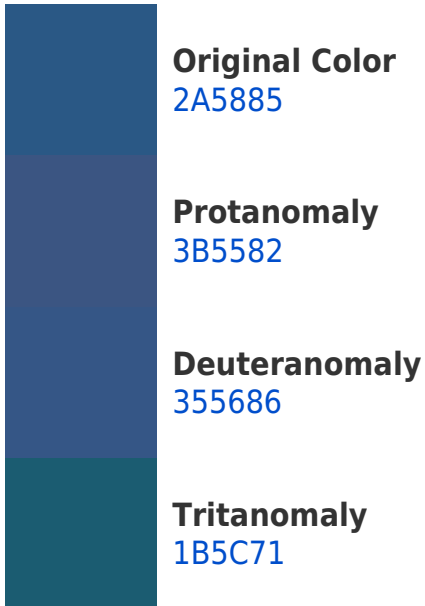
Protanopia
455481

Deuteranopia
3B5586



Tritanopia
135E66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5885 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 #2A5885 looks like.

```
.text, #text, p{  
    color:#2A5885  
}
```

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 #2A5885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5885  
}
```

Border

The CSS property to change the border of an element to Hex 2A5885 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  
#2A5885 }
```

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

```
.border{ border-color:#2A5885 }
```

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

Here you see how a box with a 4 pixel #2A5885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5885; -webkit-box-shadow:4px 4px  
4px 4px #2A5885; box-shadow:4px 4px 4px  
4px #2A5885 }
```

Background

The CSS property to change the background color of an element to Hex 2A5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5885 }
```

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

```
.background{ background-color:#2A5885 }
```

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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