

Converting Colors

Hex(2A6394)

Have a look what the booklet for
Hex(2A6394) contains.

Hex(2A6394)	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(2A6394)

Conversions

Conversions Part 1

Format	Color
Hex	2A6394
RGB	42, 99, 148
RGB Percent	16%, 39%, 58%
CMY	0.8353, 0.6118, 0.4196
CMYK	0.72, 0.33, 0.00, 0.42
HSL	208°, 56%, 37%
HSV	208°, 72%, 58%
XYZ	10.7620, 11.5540, 29.6799
YIQ	87.5430, -49.7010, 3.1550

Conversions

Conversions Part 2

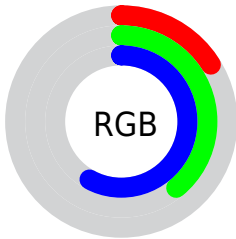
Format	Color
RYB	42, 79, 148
Decimal	2778004
CIELab	40.50, -1.64, -32.27
CIELCh	40, 32.308, 267.098
Yxy	11.5540, 0.2070, 0.2222
Android (android.graphics.Color)	4280968084 (0xFF2A6394)
YUV	87.5430, 29.8053, -39.9412
Hunter-Lab	33.9912, -2.9697, -27.9760




Details

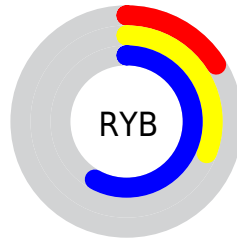
The Hex color **2A6394** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **945B2A**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **6596CA**, and **003561** is the 20% darker color. If you saturate the color by 10%, you get **1B5C94**, and if you desaturate by 10%, it is **396A94**.

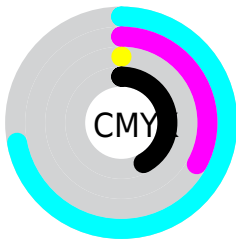
Distribution







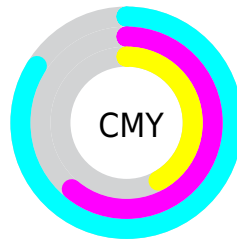
-  Red (16%)
-  Green (39%)
-  Blue (58%)






-  Red (16%)
-  Yellow (31%)
-  Blue (58%)



-  Cyan (72%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (84%)
-  Magenta (61%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6394 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 2A6394 by changing the saturation by 10% instead.

■ 2A6394

■ 2A6394

FFFFFF

■ 004B7A

■ 6596CA

■ 003561

■ 81B0E7

■ 002049

■ 9DCBFF

■ 000732

■ B9E8FF

■ 00021C

■ D6FFFF

■ 000000

■ F3FFFF

■ 2A6394

■ 2A6394

■ 1B5C94

■ 396A94

■ 0C5594

■ 487194

■ 005094

■ 567894

■ 657E94

■ 748594

■ 838C94

■ 929394

■ A09A94

■ AFA194

Harmonies

Analogous

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



00698B



2A6394



5D5A8F

Triad

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



2A6394



914B49



366A42

Complementary

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



2A6394



945B2A

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.



57652F



2A6394



865434

Square

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



2A6394



8F4A63



725D29



006D5C

Rectangle

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



2A6394



755384



725D29



42693A

Sweetspot

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



2A6394



97ADBF



2A945A



495661



E0E0E0



616161

Same Dimension

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



2A6394



1B73BF



2A2F94



43474A



004A8A



00050A

Inverse Universe

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



942A63



BF1B73



948F2A



4A4347



8A004A



0A0005

Previews

White Background



This preview shows how the Hex color 2A6394 looks on a white background.

Color Contrast Check

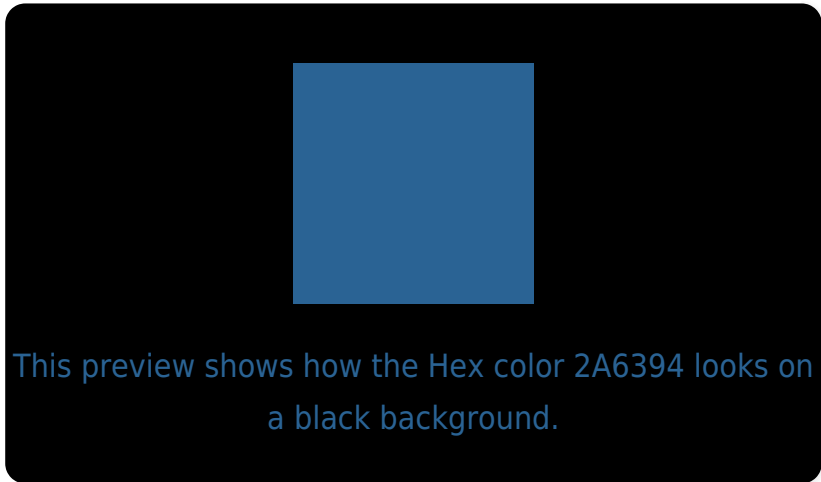
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A6394 Background



This preview shows how black text looks on a background with the Hex color 2A6394.



This preview shows how white text looks on a background with the Hex color 2A6394.

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
2A6394

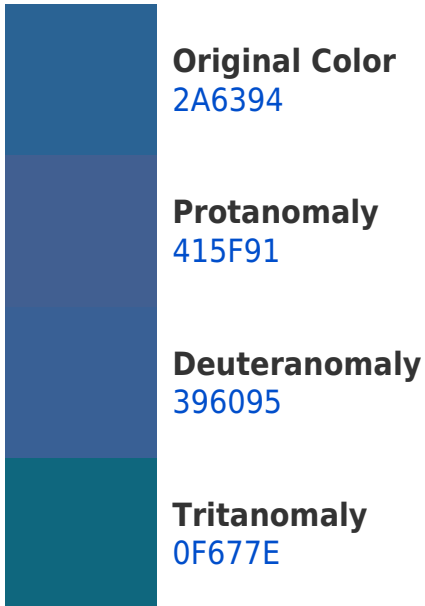
Protanopia
4E5D8F

Deuteranopia
425F95



Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6394 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 #2A6394 looks like.

```
.text, #text, p{  
    color:#2A6394  
}
```

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 #2A6394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6394
}
```

Border

The CSS property to change the border of an element to Hex 2A6394 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
#2A6394 }
```

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

```
.border{ border-color:#2A6394 }
```

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

Here you see how a box with a 4 pixel #2A6394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6394; -webkit-box-shadow:4px 4px  
4px 4px #2A6394; box-shadow:4px 4px 4px  
4px #2A6394 }
```

Background

The CSS property to change the background color of an element to Hex 2A6394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6394 }
```

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

```
.background{ background-color:#2A6394 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor