

Converting Colors

Hex(2A638A)

Have a look what the booklet for
Hex(2A638A) contains.

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Color

Hex(2A638A)

Conversions

Conversions Part 1

Format	Color
Hex	2A638A
RGB	42, 99, 138
RGB Percent	16%, 39%, 54%
CMY	0.8353, 0.6118, 0.4588
CMYK	0.70, 0.28, 0.00, 0.46
HSL	204°, 53%, 35%
HSV	204°, 70%, 54%
XYZ	10.0041, 11.2509, 25.6891
YIQ	86.4030, -46.4910, 0.0450

Conversions

Conversions Part 2

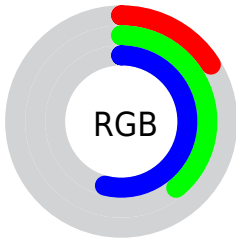
Format	Color
R_{YB}	42, 78, 138
Decimal	2777994
CIE _{Lab}	40.00, -5.30, -27.03
CIE _{LCh}	40, 27.547, 258.900
Yxy	11.2509, 0.2131, 0.2397
Android (android.graphics.Color)	4280968074 (0xFF2A638A)
YUV	86.4030, 25.4373, -38.9414
Hunter-Lab	33.5424, -5.4609, -21.9288

Details

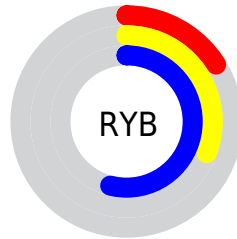
The Hex color **2A638A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8A512A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6396C0**, and **003558** is the 20% darker color. If you saturate the color by 10%, you get **1C5D8A**, and if you desaturate by 10%, it is **38698A**.

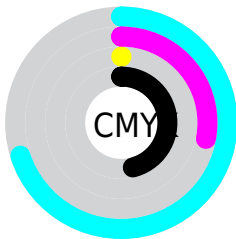
Distribution



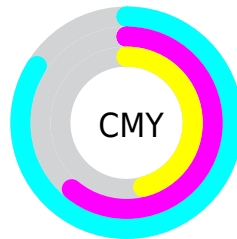
- Red (16%)
- Green (39%)
- Blue (54%)



- Red (16%)
- Yellow (31%)
- Blue (54%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (84%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A638A 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 2A638A by changing the saturation by 10% instead.

■ 2A638A

■ 2A638A

FFFFFF

■ 004B70

■ 6396C0

■ 003558

■ 7EB0DC

■ 002040

■ 9ACCF8

■ 00032A

■ B6E8FF

■ 000114

■ D3FFFF

■ 000000

■ F0FFFF

■ 2A638A

■ 2A638A

■ 1C5D8A

■ 38698A

■ 0E588A

■ 466E8A

■ 01528A

■ 53748A

■ 00528A

■ 61798A

■ 6F7F8A

■ 7D858A

■ 8B8A8A

■ 98908A

■ A6958A

Harmonies

Analogous

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



00687F



2A638A



545C89

Triad

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



2A638A



8A4D51



456740

Complementary

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



2A638A



8A512A

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.



5E6133



2A638A



83523D

Square

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



2A638A



844D68



745A32



256A55

Rectangle

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



2A638A



695681



745A32



4E653A

Sweetspot

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



2A638A



8DA3B3



2A8A50



435059



D9D9D9



595959

Same Dimension

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



2A638A



1E76B3



2A348A



3E4245



004F85



000305

Inverse Universe

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



8A2A63



B31E76



8A802A



453E42



85004F



050003

Previews

White Background



This preview shows how the Hex color 2A638A looks on a white background.

Color Contrast Check

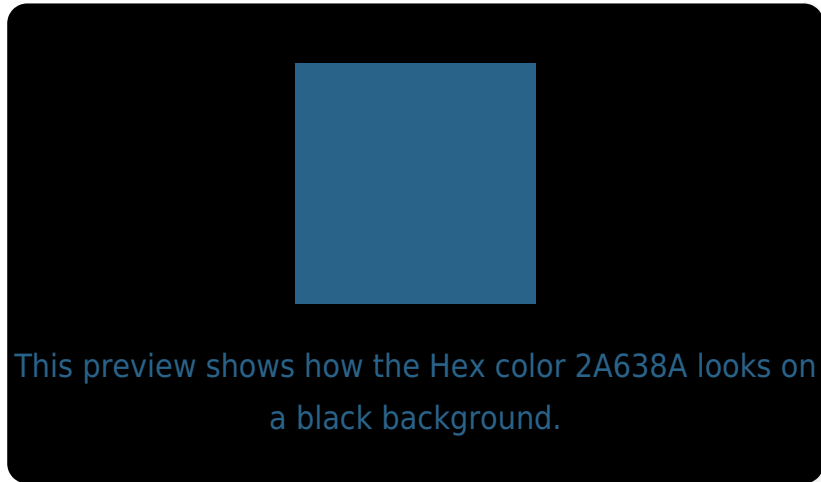
Large Text (above 18pt) WCAG AA ✓ Pass

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

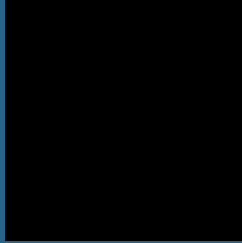
Any Text WCAG AA × Fail

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 2A638A Background



This preview shows how black text looks on a background with the Hex color 2A638A.

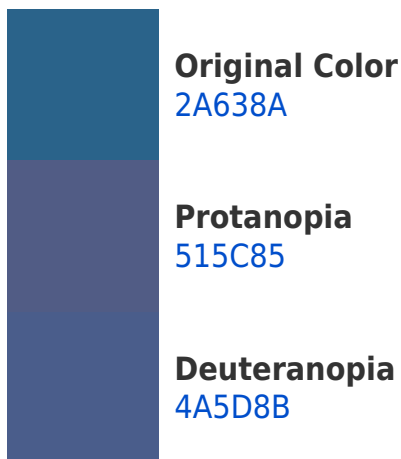


This preview shows how white text looks on a background with the Hex color 2A638A.

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](#).

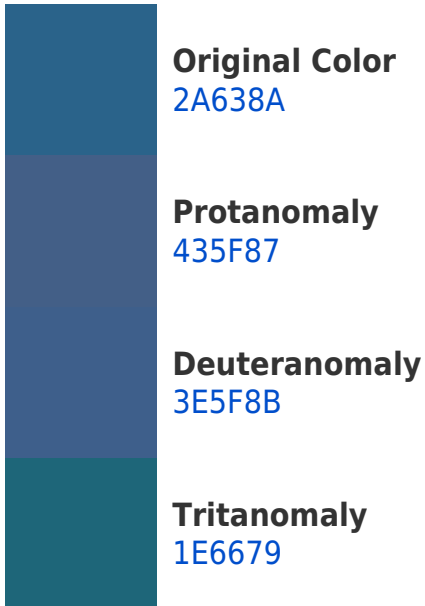
Dichromacy





Tritanopia
176870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A638A 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 #2A638A looks like.

```
.text, #text, p{  
    color:#2A638A  
}
```

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 #2A638A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A638A
}
```

Border

The CSS property to change the border of an element to Hex 2A638A 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
#2A638A }
```

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

```
.border{ border-color:#2A638A }
```

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

Here you see how a box with a 4 pixel #2A638A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A638A; -webkit-box-shadow:4px 4px  
4px 4px #2A638A; box-shadow:4px 4px 4px  
4px #2A638A }
```

Background

The CSS property to change the background color of an element to Hex 2A638A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A638A }
```

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

```
.background{ background-color:#2A638A }
```

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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