

Converting Colors

Hex(2A6997)

Have a look what the booklet for
Hex(2A6997) contains.

Hex(2A6997)	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(2A6997)

Conversions

Conversions Part 1

Format	Color
Hex	2A6997
RGB	42, 105, 151
RGB Percent	16%, 41%, 59%
CMY	0.8353, 0.5882, 0.4078
CMYK	0.72, 0.30, 0.00, 0.41
HSL	205°, 56%, 38%
HSV	205°, 72%, 59%
XYZ	11.5923, 12.8298, 31.1436
YIQ	91.4070, -52.3140, 0.9500

Conversions

Conversions Part 2

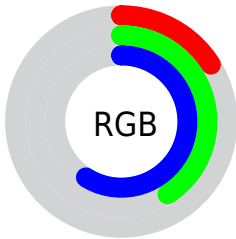
Format	Color
RYB	42, 82, 151
Decimal	2779543
CIELab	42.51, -4.22, -30.90
CIELCh	43, 31.190, 262.224
Yxy	12.8298, 0.2086, 0.2309
Android (android.graphics.Color)	4280969623 (0xFF2A6997)
YUV	91.4070, 29.3793, -43.3299
Hunter-Lab	35.8186, -4.9130, -26.4784

Details

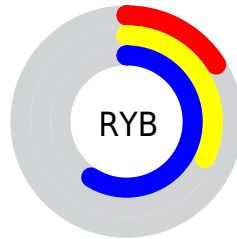
The Hex color **2A6997** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **97582A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **659CCD**, and **003A64** is the 20% darker color. If you saturate the color by 10%, you get **1B6397**, and if you desaturate by 10%, it is **396F97**.

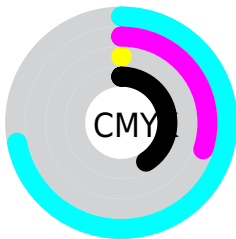
Distribution



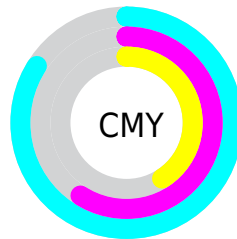
- Red (16%)
- Green (41%)
- Blue (59%)



- Red (16%)
- Yellow (32%)
- Blue (59%)



- Cyan (72%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)



- Cyan (84%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6997 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 2A6997 by changing the saturation by 10% instead.

■ 2A6997

■ 2A6997

FFFFFF

■ 00517D

■ 659CCD

■ 003A64

■ 81B7EA

■ 00254C

■ 9ED2FF

■ 001035

■ BAEFFF

■ 00021F

■ D7FFFF

■ 000002

■ F5FFFF

■ 000000

■ 2A6997

■ 2A6997

■ 1B6397

■ 396F97

■ 0C5C97

■ 487697

■ 005797

■ 577C97

■ 668297

■ 758997

■ 858F97

■ 949697

■ A39C97

■ B2A297

Harmonies

Analogous

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



006F8C



2A6997



5C6094

Triad

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



2A6997



955052



436E44

Complementary

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



2A6997



97582A

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.



616933



2A6997



8D573D

Square

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



2A6997



91506C



7A6131



17715D

Rectangle

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



2A6997



745A8B



7A6131



4E6D3D

Sweetspot

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



2A6997



99B2C4



2A9757



4A5963



E3E3E3



636363

Same Dimension

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



2A6997



1A7CC4



2A3397



45494D



00518C



00070D

Inverse Universe

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



972A69



C41A7C



978E2A



4D4549



8C0051



0D0007

Previews

White Background



This preview shows how the Hex color 2A6997 looks on a white background.

Color Contrast Check

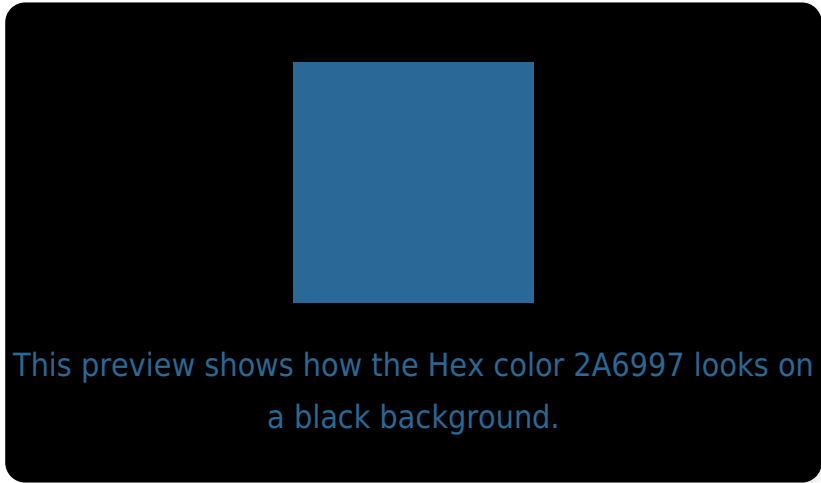
Large Text (above 18pt) WCAG AA ✓ Pass

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

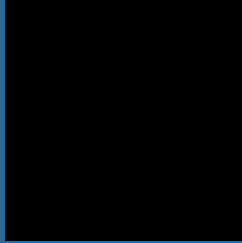
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

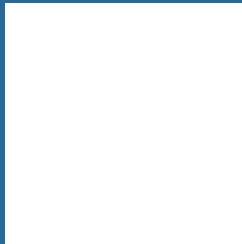
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A6997 Background



This preview shows how black text looks on a background with the Hex color 2A6997.

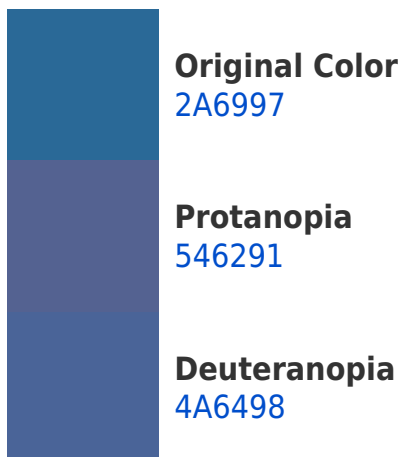


This preview shows how white text looks on a background with the Hex color 2A6997.

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](#).

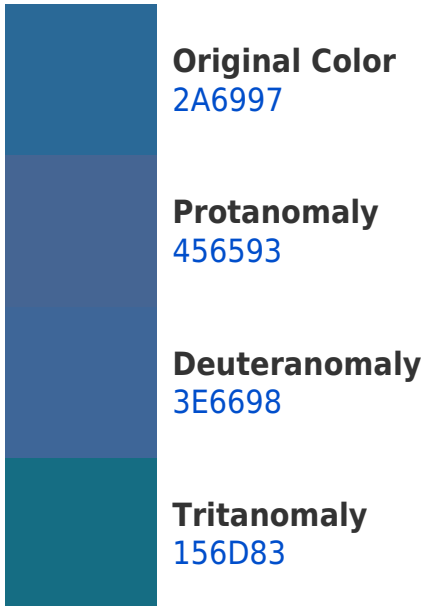
Dichromacy





Tritanopia
096F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6997 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 #2A6997 looks like.

```
.text, #text, p{  
    color:#2A6997  
}
```

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 #2A6997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6997
}
```

Border

The CSS property to change the border of an element to Hex 2A6997 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
#2A6997 }
```

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

```
.border{ border-color:#2A6997 }
```

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

Here you see how a box with a 4 pixel #2A6997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6997; -webkit-box-shadow:4px 4px  
4px 4px #2A6997; box-shadow:4px 4px 4px  
4px #2A6997 }
```

Background

The CSS property to change the background color of an element to Hex 2A6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6997 }
```

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

```
.background{ background-color:#2A6997 }
```

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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