

Converting Colors

Hex(2B61A7)

Have a look what the booklet for
Hex(2B61A7) contains.

Hex(2B61A7)	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(2B61A7)

Conversions

Conversions Part 1

Format	Color
Hex	2B61A7
RGB	43, 97, 167
RGB Percent	17%, 38%, 65%
CMY	0.8314, 0.6196, 0.3451
CMYK	0.74, 0.42, 0.00, 0.35
HSL	214°, 59%, 41%
HSV	214°, 74%, 65%
XYZ	12.2460, 11.8530, 38.2016
YIQ	88.8340, -54.6540, 10.3220

Conversions

Conversions Part 2

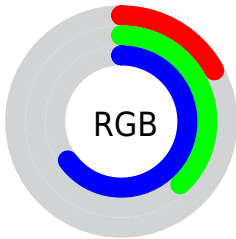
Format	Color
R_{YB}	43, 81, 167
Decimal	2843047
CIE _{Lab}	40.98, 6.93, -42.82
CIE _{LCh}	41, 43.372, 279.188
Yxy	11.8530, 0.1966, 0.1903
Android (android.graphics.Color)	4281033127 (0xFF2B61A7)
YUV	88.8340, 38.5358, -40.1964
Hunter-Lab	34.4282, 3.2426, -41.6887

Details

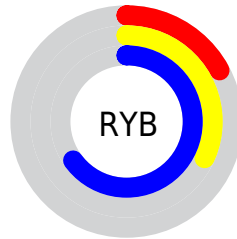
The Hex color **2B61A7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A7712B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6993DF**, and **003372** is the 20% darker color. If you saturate the color by 10%, you get **1A58A7**, and if you desaturate by 10%, it is **3C6AA7**.

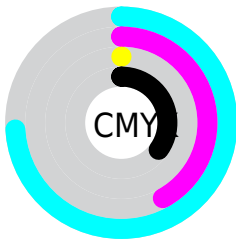
Distribution



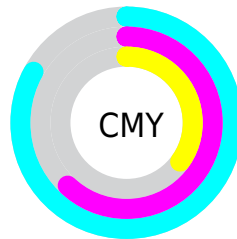
- Red (17%)
- Green (38%)
- Blue (65%)



- Red (17%)
- Yellow (32%)
- Blue (65%)



- Cyan (74%)
- Magenta (42%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B61A7 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 2B61A7 by changing the saturation by 10% instead.

■ 2B61A7

■ 2B61A7

FFFFFF

■ 004A8C

■ 6993DF

■ 003372

■ 86AEFB

■ 001F59

■ A3C9FF

■ 000542

■ C0E5FF

■ 00032B

■ DDFFFF

■ 000115

■ FBFFFF

■ 000000

■ 2B61A7

■ 2B61A7

■ 1A58A7

■ 3C6AA7

■ 0A4EA7

■ 4C74A7

■ 0049A7

■ 5D7DA7

■ 6E87A7

■ 7F90A7

■ 8F9AA7

■ A0A3A7

■ B1ACA7

■ C1B6A7

Harmonies

Analogous

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



006BA3



2B61A7



715298

Triad

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



2B61A7



9C4835



007046

Complementary

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



2B61A7



A7712B

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.



436B26



2B61A7



87561B

Square

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



2B61A7



A13F57



696212



00726B

Rectangle

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



2B61A7



8B4886



696212



1B6F3A

Sweetspot

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



2B61A7



A9BED9



2BA76F



515E6E



EDEDED



6E6E6E

Same Dimension

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



2B61A7



186CD9



312BA7



4C4F54



004094



000914

Inverse Universe

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



A72B61



D9186C



A1A72B



544C4F



940040



140009

Previews

White Background



This preview shows how the Hex color 2B61A7 looks on a white background.

Color Contrast Check

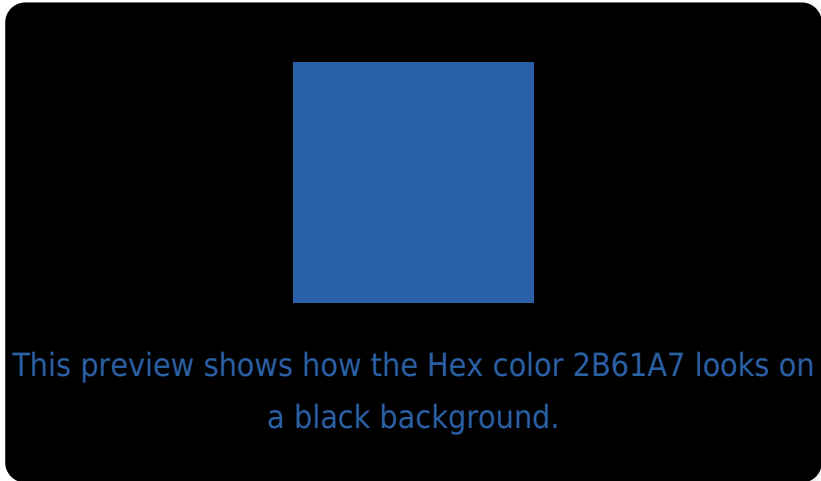
Large Text (above 18pt) WCAG AA ✓ Pass

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

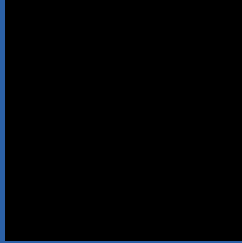
Any Text WCAG AA × Fail

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 2B61A7 Background



This preview shows how black text looks on a background with the Hex color 2B61A7.

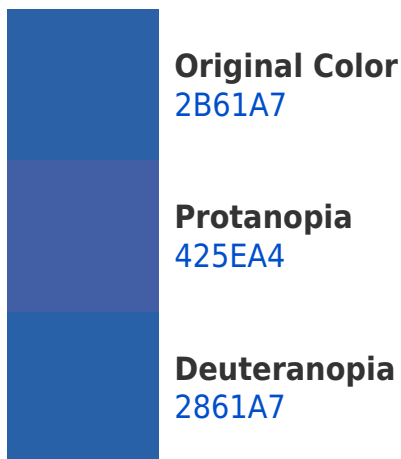


This preview shows how white text looks on a background with the Hex color 2B61A7.

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](#).

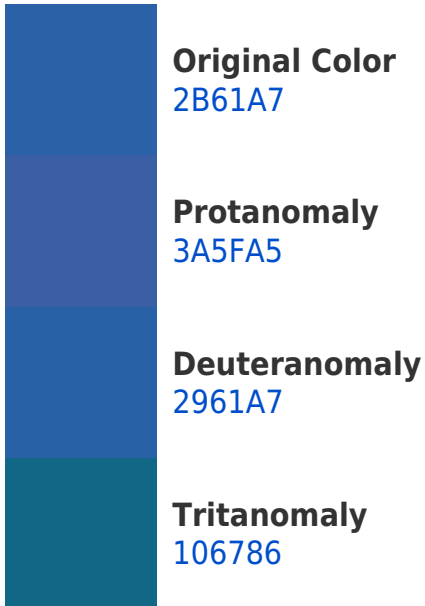
Dichromacy



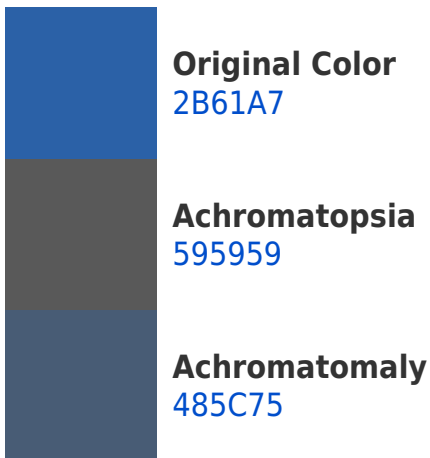


Tritanopia
006B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B61A7 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 #2B61A7 looks like.

```
.text, #text, p{  
    color:#2B61A7  
}
```

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 #2B61A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B61A7
}
```

Border

The CSS property to change the border of an element to Hex 2B61A7 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
#2B61A7 }
```

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

```
.border{ border-color:#2B61A7 }
```

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

Here you see how a box with a 4 pixel #2B61A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B61A7; -webkit-box-shadow:4px 4px  
4px 4px #2B61A7; box-shadow:4px 4px 4px  
4px #2B61A7 }
```

Background

The CSS property to change the background color of an element to Hex 2B61A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B61A7 }
```

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

```
.background{ background-color:#2B61A7 }
```

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