

Converting Colors

Hex(2B64A7)

Have a look what the booklet for
Hex(2B64A7) contains.

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Color

Hex(2B64A7)

Conversions

Conversions Part 1

Format	Color
Hex	2B64A7
RGB	43, 100, 167
RGB Percent	17%, 39%, 65%
CMY	0.8314, 0.6078, 0.3451
CMYK	0.74, 0.40, 0.00, 0.35
HSL	212°, 59%, 41%
HSV	212°, 74%, 65%
XYZ	12.5285, 12.4180, 38.2958
YIQ	90.5950, -55.4790, 8.7530

Conversions

Conversions Part 2

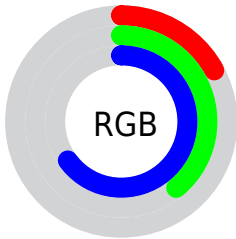
Format	Color
R_{YB}	43, 82, 167
Decimal	2843815
CIE _{Lab}	41.87, 5.01, -41.40
CIE _{LCh}	42, 41.697, 276.901
Yxy	12.4180, 0.1981, 0.1964
Android (android.graphics.Color)	4281033895 (0xFF2B64A7)
YUV	90.5950, 37.6677, -41.7408
Hunter-Lab	35.2391, 1.7932, -39.7655

Details

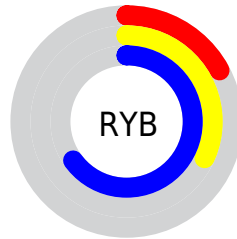
The Hex color **2B64A7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A76E2B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6996DF**, and **003672** is the 20% darker color. If you saturate the color by 10%, you get **1A5BA7**, and if you desaturate by 10%, it is **3C6DA7**.

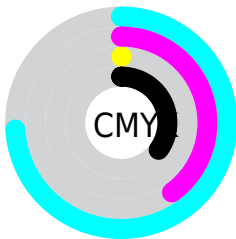
Distribution



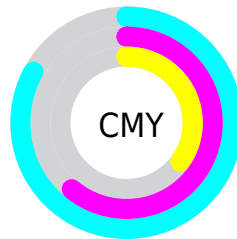
- Red (17%)
- Green (39%)
- Blue (65%)



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



- Cyan (74%)
- Magenta (40%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B64A7 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 2B64A7 by changing the saturation by 10% instead.

■ 2B64A7

■ 2B64A7

FFFFFF

■ 004C8C

■ 6996DF

■ 003672

■ 86B1FB

■ 002259

■ A2CCFF

■ 000A42

■ BFE8FF

■ 00032B

■ DDFFFF

■ 000115

■ FBFFFF

■ 000000

■ 2B64A7

■ 2B64A7

■ 1A5BA7

■ 3C6DA7

0A52A7

4C76A7

004DA7

5D7FA7

6E88A7

7F91A7

8F9AA7

A0A3A7

B1ACA7

C1B5A7

Harmonies

Analogous

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



006EA2



2B64A7



6F569A

Triad

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



2B64A7



9D4A3B



057247

Complementary

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



2B64A7



A76E2B

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.



4A6C28



2B64A7



8A5722

Square

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



2B64A7



A1435C



6E6419



00746A

Rectangle

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



2B64A7



894D89



6E6419



28703C

Sweetspot

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



2B64A7



A9BFD9



2BA76D



515E6E



EDEDED



6E6E6E

Same Dimension

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



2B64A7



1871D9



2F2BA7



4C5054



004494



000914

Inverse Universe

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



A72B64



D91871



A3A72B



544C50



940044



140009

Previews

White Background



This preview shows how the Hex color 2B64A7 looks on a white background.

Color Contrast Check

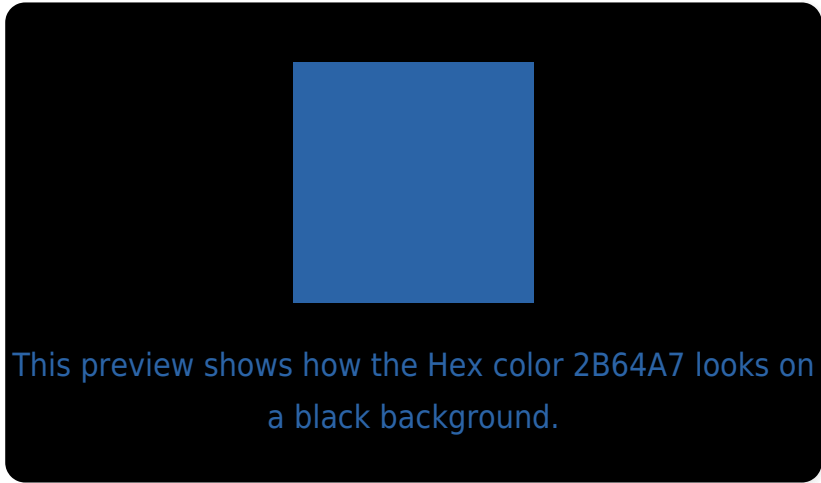
Large Text (above 18pt) WCAG AA ✓ Pass

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

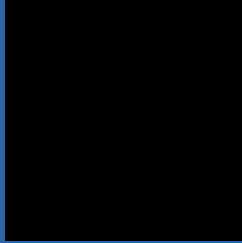
Any Text WCAG AA × Fail

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 2B64A7 Background



This preview shows how black text looks on a background with the Hex color 2B64A7.

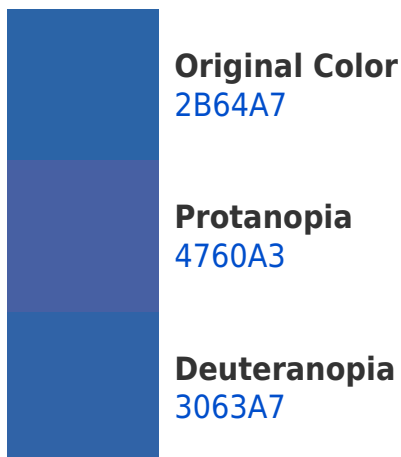


This preview shows how white text looks on a background with the Hex color 2B64A7.

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](#).

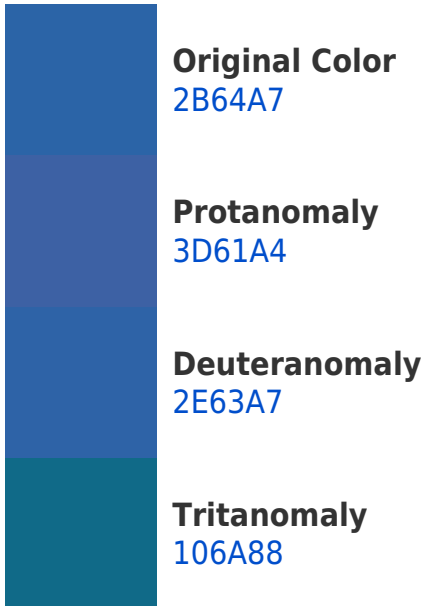
Dichromacy



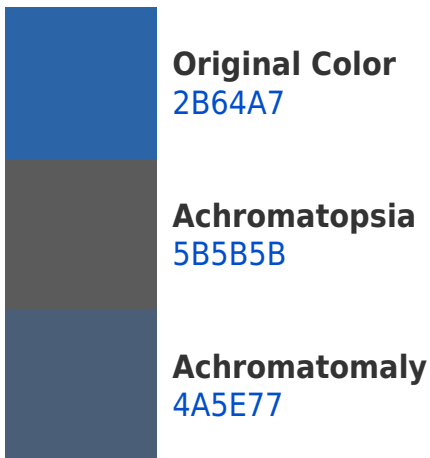


Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B64A7 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 #2B64A7 looks like.

```
.text, #text, p{  
    color:#2B64A7  
}
```

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 #2B64A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B64A7
}
```

Border

The CSS property to change the border of an element to Hex 2B64A7 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
#2B64A7 }
```

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

```
.border{ border-color:#2B64A7 }
```

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

Here you see how a box with a 4 pixel #2B64A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B64A7; -webkit-box-shadow:4px 4px  
4px 4px #2B64A7; box-shadow:4px 4px 4px  
4px #2B64A7 }
```

Background

The CSS property to change the background color of an element to Hex 2B64A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B64A7 }
```

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

```
.background{ background-color:#2B64A7 }
```

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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