

Converting Colors

Hex(2C6BA0)

Have a look what the booklet for
Hex(2C6BA0) contains.

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Color

Hex(2C6BA0)

Conversions

Conversions Part 1

Format	Color
Hex	2C6BA0
RGB	44, 107, 160
RGB Percent	17%, 42%, 63%
CMY	0.8275, 0.5804, 0.3725
CMYK	0.72, 0.33, 0.00, 0.37
HSL	207°, 57%, 40%
HSV	207°, 72%, 63%
XYZ	12.6416, 13.5889, 35.2143
YIQ	94.2050, -54.5610, 3.1270

Conversions

Conversions Part 2

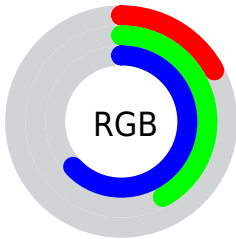
Format	Color
R_{YB}	44, 85, 160
Decimal	2911136
CIE _{Lab}	43.64, -1.83, -34.46
CIE _{LCh}	44, 34.508, 266.955
Yxy	13.5889, 0.2057, 0.2212
Android (android.graphics.Color)	4281101216 (0xFF2C6BA0)
YUV	94.2050, 32.4369, -44.0298
Hunter-Lab	36.8632, -3.2971, -30.8339

Details

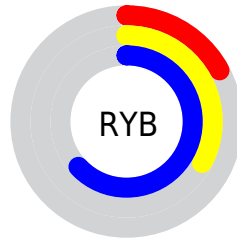
The Hex color **2C6BA0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A0612C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **689ED7**, and **003C6C** is the 20% darker color. If you saturate the color by 10%, you get **1C64A0**, and if you desaturate by 10%, it is **3C72A0**.

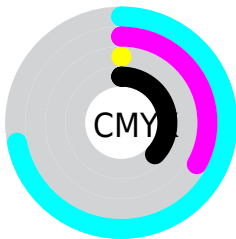
Distribution



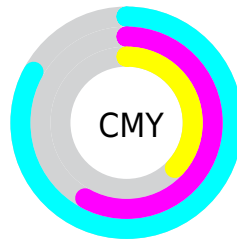
- Red (17%)
- Green (42%)
- Blue (63%)



- Red (17%)
- Yellow (33%)
- Blue (63%)



- Cyan (72%)
- Magenta (33%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6BA0 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 2C6BA0 by changing the saturation by 10% instead.

■ 2C6BA0

■ 2C6BA0

FFFFFF

■ 005386

■ 689ED7

■ 003C6C

■ 85B9F4

■ 002753

■ A1D5FF

■ 00123C

■ BEF1FF

■ 000226

■ DBFFFF

■ 00010F

■ F9FFFF

■ 000000

■ 2C6BA0

■ 2C6BA0

■ 1C64A0

■ 3C72A0

■ 0C5CA0

■ 4C7AA0

■ 0057A0

■ 5C81A0

■ 6C88A0

■ 7C90A0

■ 8C97A0

■ 9C9EA0

■ ACA5A0

■ BCADA0

Harmonies

Analogous

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



007296



2C6BA0



65619A

Triad

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



2C6BA0



9C514F



3B7347

Complementary

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



2C6BA0



A0612C

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.



5E6D32



2C6BA0



915A38

Square

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



2C6BA0



9A4F6B



7B652C



007563

Rectangle

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



2C6BA0



7E598E



7B652C



48713F

Sweetspot

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



2C6BA0



A3BCD1



2CA060



4D5C69



E8E8E8



696969

Same Dimension

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



2C6BA0



1B7ED1



2C32A0



474B4F



004E8F



00080F

Inverse Universe

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



A02C6B



D11B7E



A09A2C



4F474B



8F004E



0F0008

Previews

White Background



This preview shows how the Hex color 2C6BA0 looks on a white background.

Color Contrast Check

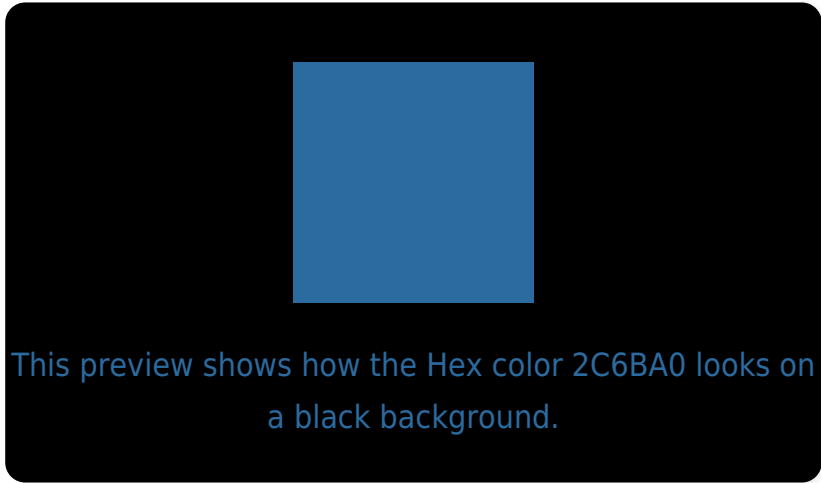
Large Text (above 18pt) WCAG AA ✓ Pass

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

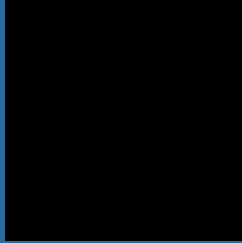
Any Text WCAG AA × Fail

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 2C6BA0 Background



This preview shows how black text looks on a background with the Hex color 2C6BA0.

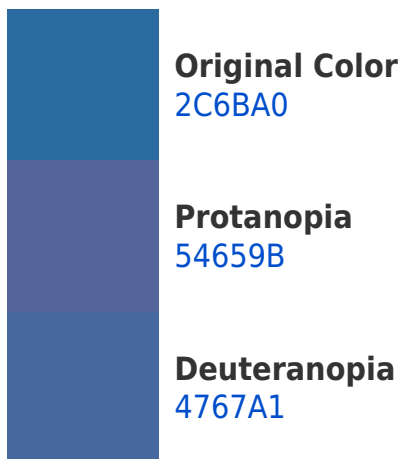


This preview shows how white text looks on a background with the Hex color 2C6BA0.

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](#).

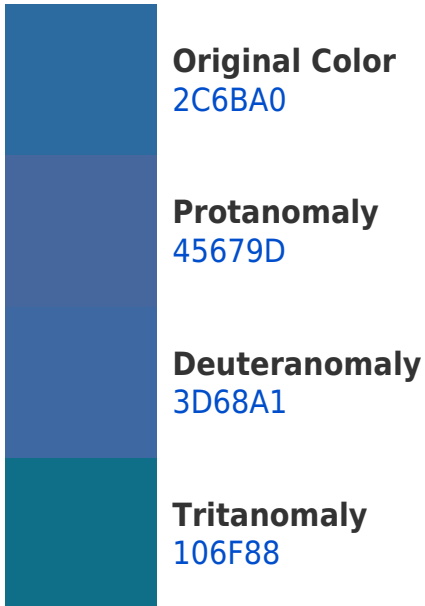
Dichromacy



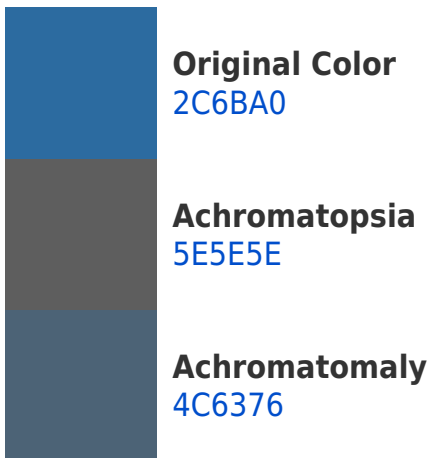


Tritanopia
00727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6BA0 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 #2C6BA0 looks like.

```
.text, #text, p{  
    color:#2C6BA0  
}
```

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 #2C6BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6BA0
}
```

Border

The CSS property to change the border of an element to Hex 2C6BA0 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
#2C6BA0 }
```

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

```
.border{ border-color:#2C6BA0 }
```

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

Here you see how a box with a 4 pixel #2C6BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6BA0; -webkit-box-shadow:4px 4px  
4px 4px #2C6BA0; box-shadow:4px 4px 4px  
4px #2C6BA0 }
```

Background

The CSS property to change the background color of an element to Hex 2C6BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6BA0 }
```

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

```
.background{ background-color:#2C6BA0 }
```

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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