

Converting Colors

Hex(2C78B6)

Have a look what the booklet for
Hex(2C78B6) contains.

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Color

Hex(2C78B6)

Conversions

Conversions Part 1

Format	Color
Hex	2C78B6
RGB	44, 120, 182
RGB Percent	17%, 47%, 71%
CMY	0.8275, 0.5294, 0.2863
CMYK	0.76, 0.34, 0.00, 0.29
HSL	207°, 61%, 44%
HSV	207°, 76%, 71%
XYZ	16.1987, 17.3458, 46.7503
YIQ	104.3440, -65.1980, 3.1700

Conversions

Conversions Part 2

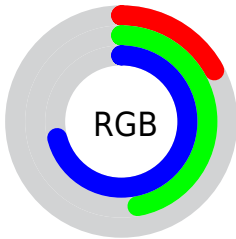
Format	Color
R_{YB}	44, 93, 182
Decimal	2914486
CIE _{Lab}	48.69, -1.63, -39.34
CIE _{LCh}	49, 39.377, 267.623
Yxy	17.3458, 0.2017, 0.2160
Android (android.graphics.Color)	4281104566 (0xFF2C78B6)
YUV	104.3440, 38.2844, -52.9217
Hunter-Lab	41.6483, -3.4588, -37.3993

Details

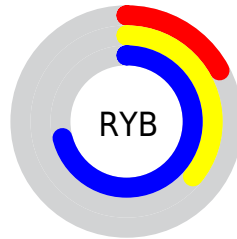
The Hex color **2C78B6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B66A2C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6DACEE**, and **004881** is the 20% darker color. If you saturate the color by 10%, you get **1A70B6**, and if you desaturate by 10%, it is **3E80B6**.

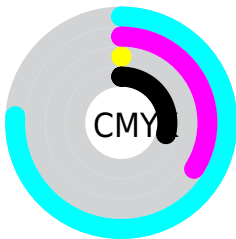
Distribution



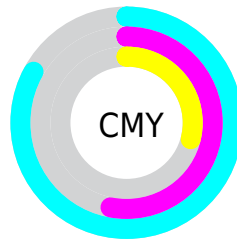
- Red (17%)
- Green (47%)
- Blue (71%)



- Red (17%)
- Yellow (36%)
- Blue (71%)



- Cyan (76%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C78B6 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 2C78B6 by changing the saturation by 10% instead.

■ 2C78B6

■ 2C78B6

FFFFFF

■ 005F9B

■ 6DACEE

■ 004881

■ 8AC7FF

■ 003267

■ A7E3FF

■ 001E4F

■ C5FFFF

■ 000538

■ E3FFFF

■ 000221

■ 000006

■ 000000

■ 2C78B6

■ 2C78B6

■ 1A70B6

■ 3E80B6

■ 0868B6

■ 5088B6

■ 0064B6

■ 6391B6

■ 7599B6

■ 87A1B6

■ 99A9B6

■ ABB1B6

■ BEB9B6

■ D0C2B6

Harmonies

Analogous

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



0080AB



2C78B6



716CAF

Triad

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



2C78B6



B15A57



3E814F

Complementary

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



2C78B6



B66A2C

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.



687B36



2C78B6



A3653C

Square

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



2C78B6



AF5778



89712F



008470

Rectangle

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



2C78B6



8F63A1



89712F



4E8045

Sweetspot

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



2C78B6



B7D5ED



2CB668



566978



F7F7F7



787878

Same Dimension

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



2C78B6



158CED



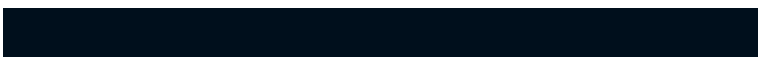
2C35B6



53585C



00569C



000F1C

Inverse Universe

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



B62C78



ED158C



B6AD2C



5C5358



9C0056



1C000F

Previews

White Background



This preview shows how the Hex color 2C78B6 looks on a white background.

Color Contrast Check

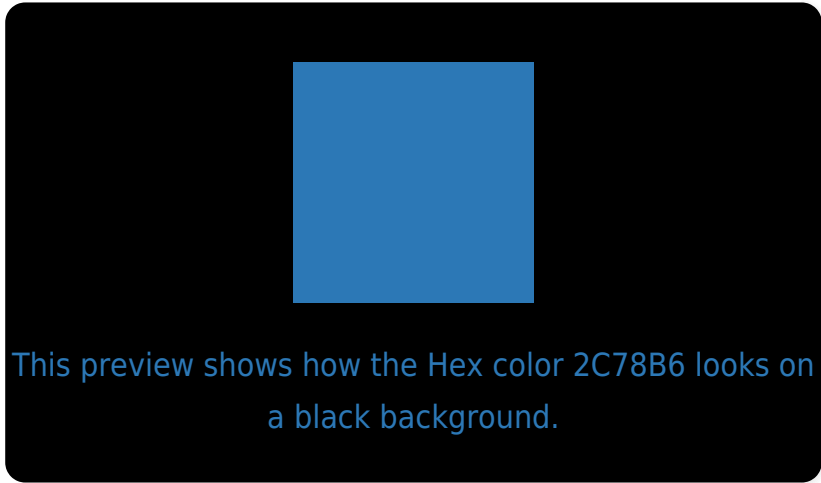
Large Text (above 18pt) WCAG AA ✓ Pass

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

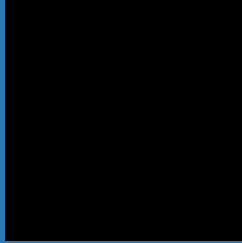
Any Text WCAG AA × Fail

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 2C78B6 Background



This preview shows how black text looks on a background with the Hex color 2C78B6.

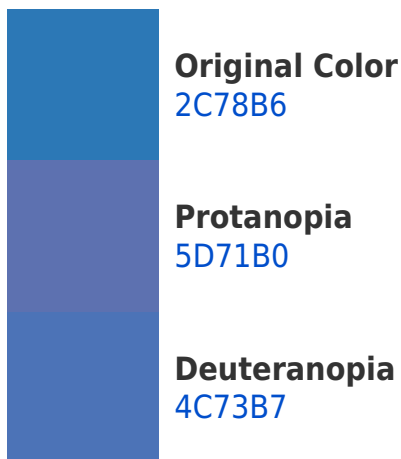


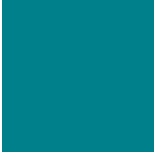
This preview shows how white text looks on a background with the Hex color 2C78B6.

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](#).

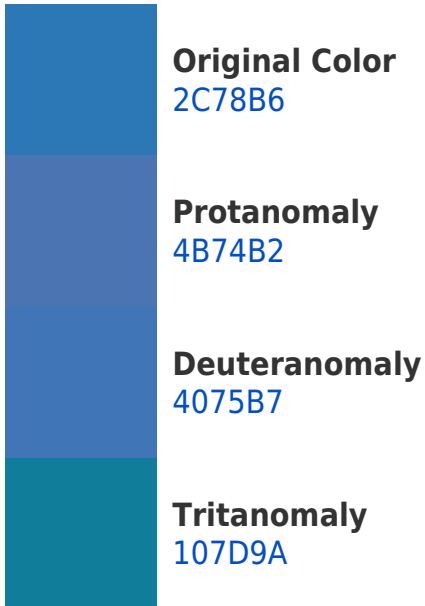
Dichromacy





Tritanopia
00808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C78B6 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 #2C78B6 looks like.

```
.text, #text, p{  
    color:#2C78B6  
}
```

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 #2C78B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C78B6
}
```

Border

The CSS property to change the border of an element to Hex 2C78B6 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
#2C78B6 }
```

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

```
.border{ border-color:#2C78B6 }
```

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

Here you see how a box with a 4 pixel #2C78B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C78B6; -webkit-box-shadow:4px 4px  
4px 4px #2C78B6; box-shadow:4px 4px 4px  
4px #2C78B6 }
```

Background

The CSS property to change the background color of an element to Hex 2C78B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C78B6 }
```

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

```
.background{ background-color:#2C78B6 }
```

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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