

Converting Colors

Hex(2878C6)

Have a look what the booklet for
Hex(2878C6) contains.

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Color

Hex(2878C6)

Conversions

Conversions Part 1

Format	Color
Hex	2878C6
RGB	40, 120, 198
RGB Percent	16%, 47%, 78%
CMY	0.8431, 0.5294, 0.2235
CMYK	0.80, 0.39, 0.00, 0.22
HSL	210°, 66%, 47%
HSV	210°, 80%, 78%
XYZ	17.7846, 17.9613, 55.9556
YIQ	104.9720, -72.7180, 7.2980

Conversions

Conversions Part 2

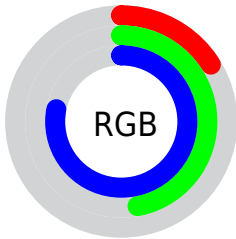
Format	Color
R_{YB}	40, 93, 198
Decimal	2652358
CIE _{Lab}	49.45, 3.87, -47.35
CIE _{LCh}	49, 47.513, 274.676
Yxy	17.9613, 0.1939, 0.1959
Android (android.graphics.Color)	4280842438 (0xFF2878C6)
YUV	104.9720, 45.8628, -56.9804
Hunter-Lab	42.3807, 0.7391, -48.6145

Details

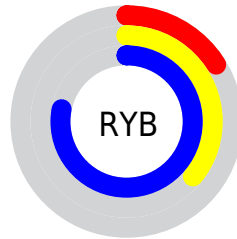
The Hex color **2878C6** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C67628**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6EACFF**, and **004890** is the 20% darker color. If you saturate the color by 10%, you get **146EC6**, and if you desaturate by 10%, it is **3C82C6**.

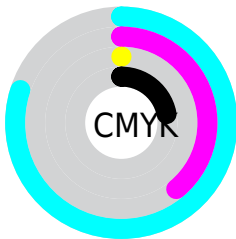
Distribution



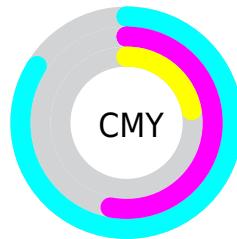
- Red (16%)
- Green (47%)
- Blue (78%)



- Red (16%)
- Yellow (36%)
- Blue (78%)



- Cyan (80%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2878C6 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 2878C6 by changing the saturation by 10% instead.

■ 2878C6

■ 2878C6

FFFFFF

■ 0060AA

■ 6EACFF

■ 004890

■ 8CC7FF

■ 003275

■ AAE3FF

■ 001E5C

■ C8FFFF

■ 000644

■ E6FFFF

■ 00032D

■ 000117

■ 000000

■ 2878C6

■ 2878C6

■ 146EC6

■ 3C82C6

■ 0064C6

■ 508CC6

■ 6395C6

■ 779FC6

■ 8BA9C6

■ 9FB3C6

■ B3BCC6

■ C6C6C6

■ DAD0C6

Harmonies

Analogous

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



0083BE



2878C6



7F68B8

Triad

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



2878C6



BB574A



148751

Complementary

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



2878C6



C67628

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.



5B802F



2878C6



A6672B

Square

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



2878C6



BE5071



85761E



00897B

Rectangle

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



2878C6



A05DA5



85761E



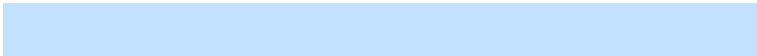
368545

Sweetspot

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



2878C6



C2E1FF



28C674



5B6D80



000000



808080

Same Dimension

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



2878C6



0A86FF



282BC6



5A5F63



0053A3



001224

Inverse Universe

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



C62878



FF0A86



C6C328



635A5F



A30053



240012

Previews

White Background



This preview shows how the Hex color 2878C6 looks on a white background.

Color Contrast Check

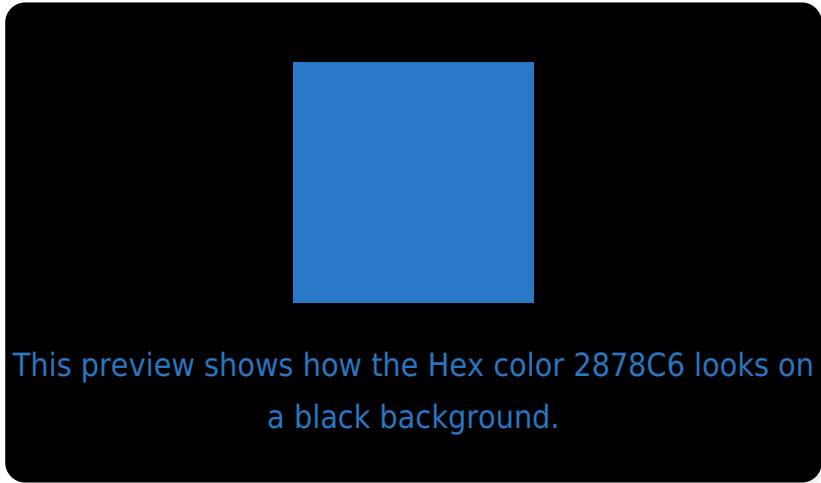
Large Text (above 18pt) WCAG AA ✓ Pass

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

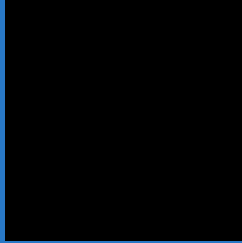
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2878C6 Background



This preview shows how black text looks on a background with the Hex color 2878C6.



This preview shows how white text looks on a background with the Hex color 2878C6.

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](#).

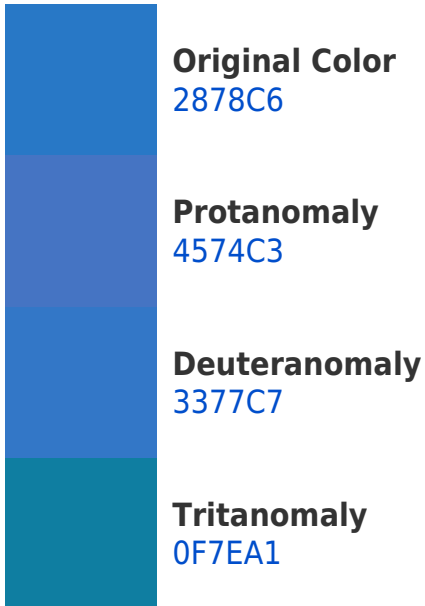
Dichromacy



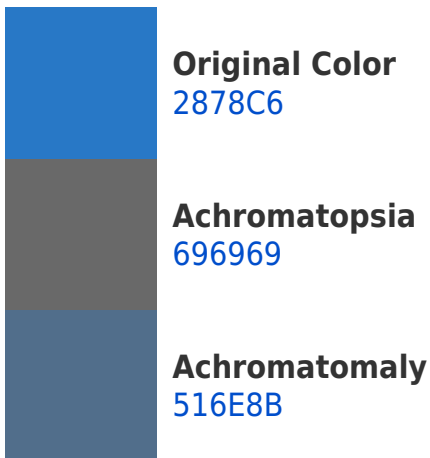


Tritanopia
00828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2878C6 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 #2878C6 looks like.

```
.text, #text, p{  
    color:#2878C6  
}
```

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 #2878C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2878C6
}
```

Border

The CSS property to change the border of an element to Hex 2878C6 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
#2878C6 }
```

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

```
.border{ border-color:#2878C6 }
```

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

Here you see how a box with a 4 pixel #2878C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2878C6; -webkit-box-shadow:4px 4px  
4px 4px #2878C6; box-shadow:4px 4px 4px  
4px #2878C6 }
```

Background

The CSS property to change the background color of an element to Hex 2878C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2878C6 }
```

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

```
.background{ background-color:#2878C6 }
```

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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