

Converting Colors

Hex(428ABD)

Have a look what the booklet for
Hex(428ABD) contains.

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Color

Hex(428ABD)

Conversions

Conversions Part 1

Format	Color
Hex	428ABD
RGB	66, 138, 189
RGB Percent	26%, 54%, 74%
CMY	0.7412, 0.4588, 0.2588
CMYK	0.65, 0.27, 0.00, 0.26
HSL	205°, 48%, 50%
HSV	205°, 65%, 74%
XYZ	20.5206, 23.0093, 51.5038
YIQ	122.2860, -59.2830, 0.5970

Conversions

Conversions Part 2

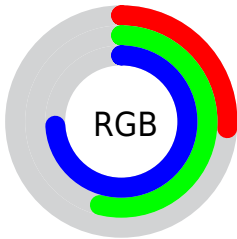
Format	Color
R_{YB}	66, 111, 189
Decimal	4360893
CIE _{Lab}	55.08, -6.43, -33.28
CIE _{LCh}	55, 33.893, 259.056
Yxy	23.0093, 0.2159, 0.2421
Android (android.graphics.Color)	4282550973 (0xFF428ABD)
YUV	122.2860, 32.8900, -49.3628
Hunter-Lab	47.9680, -7.5824, -30.0827

Details

The Hex color **428ABD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BD7542**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7EBFF5**, and **005887** is the 20% darker color. If you saturate the color by 10%, you get **2F82BD**, and if you desaturate by 10%, it is **5592BD**.

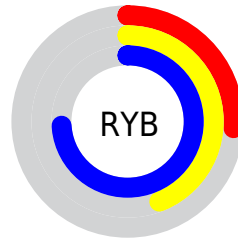
Distribution



Red (26%)

Green (54%)

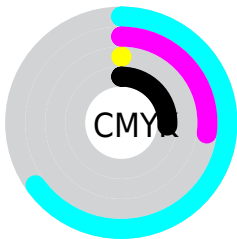
Blue (74%)



Red (26%)

Yellow (44%)

Blue (74%)

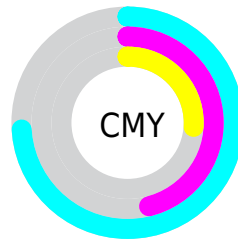


Cyan (65%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428ABD 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 428ABD by changing the saturation by 10% instead.

■ 428ABD

FFFFFF

■ 7EBFF5

■ 9ADBFF

■ B7F8FF

■ D5FFFF

■ F3FFFF

■ 428ABD

■ 1D71A2

■ 005887

■ 00416E

■ 002B55

■ 00173E

■ 000327

■ 000111

■ 000000

■ 428ABD

■ 428ABD

■ 2F82BD

■ 5592BD

■ 1C7ABD

■ 689ABD

■ 0972BD

■ 7BA2BD

■ 006FBD

■ 8EA9BD

■ A1B1BD

■ B3B9BD

■ C6C1BD

■ D9C9BD

■ ECD1BD

Harmonies

Analogous

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



0090AF



428ABD



7780BB

Triad

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



428ABD



BD6D72



628F5C

Complementary

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



428ABD



BD7542

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.



84884B



428ABD



B47459

Square

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



428ABD



B66E90



A07E4A



3A9378

Rectangle

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



428ABD



9379B2



A07E4A



6E8D55

Sweetspot

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



428ABD



C4E0F5



42BD73



5D6E7A



FAFAFA



7A7A7A

Same Dimension

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



428ABD



36A6F5



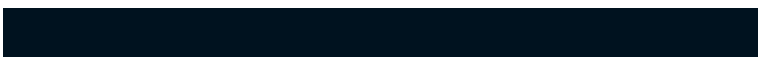
424EBD



555A5E



005D9E



00121F

Inverse Universe

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



BD428A



F536A6



BDB142



5E555A



9E005D



1F0012

Previews

White Background



This preview shows how the Hex color 428ABD looks on a white background.

Color Contrast Check

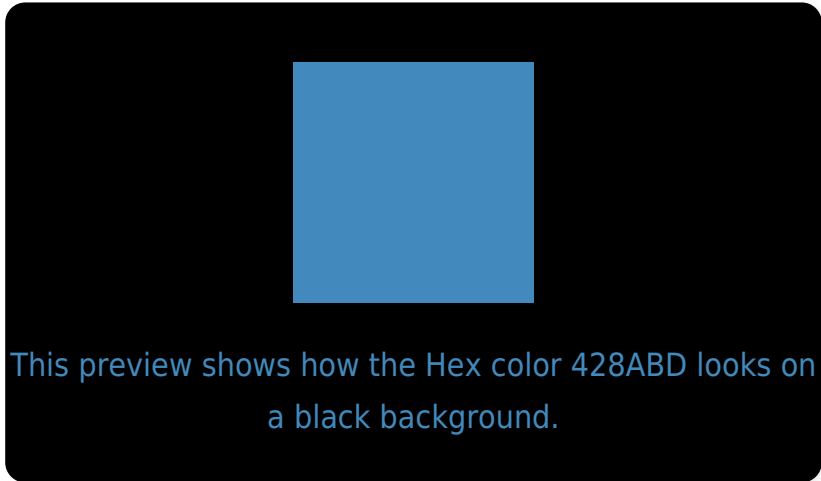
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

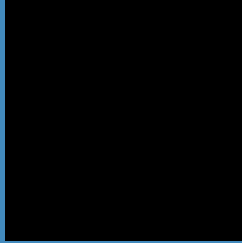
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

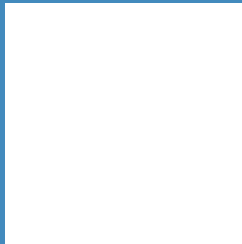
Any Text WCAG AAA × Fail

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

Hex 428ABD Background



This preview shows how black text looks on a background with the Hex color 428ABD.

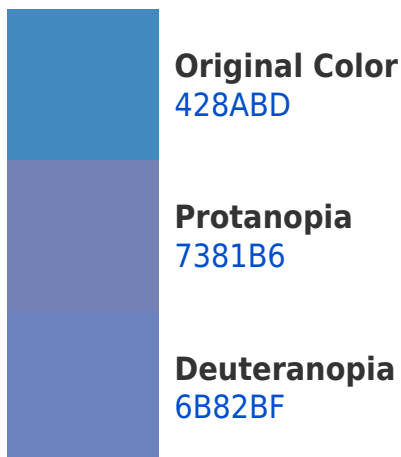


This preview shows how white text looks on a background with the Hex color 428ABD.

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](#).

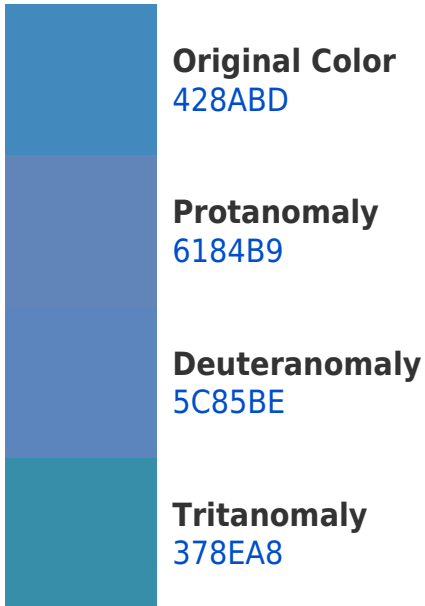
Dichromacy



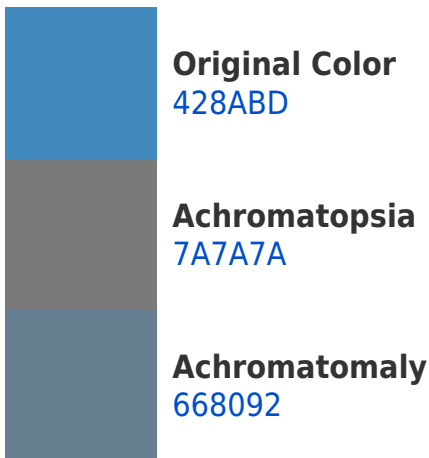


Tritanopia
30909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428ABD 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 #428ABD looks like.

```
.text, #text, p{  
    color:#428ABD  
}
```

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 #428ABD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428ABD } }
```

Border

The CSS property to change the border of an element to Hex 428ABD is called "border". The border property can be set on classes, ids or directly on the HTML element.

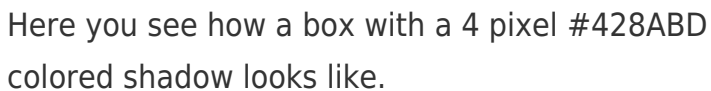
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #428ABD } }
```

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

```
.border{ border-color:#428ABD }
```

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



Here you see how a box with a 4 pixel #428ABD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428ABD; -webkit-box-shadow:4px 4px  
4px 4px #428ABD; box-shadow:4px 4px 4px  
4px #428ABD }
```

Background

The CSS property to change the background color of an element to Hex 428ABD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428ABD }
```

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

```
.background{ background-color:#428ABD }
```

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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