

Converting Colors

Hex(428BBD)

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

Hex(428BBD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(428BBD)

Conversions

Conversions Part 1

Format	Color
Hex	428BBD
RGB	66, 139, 189
RGB Percent	26%, 55%, 74%
CMY	0.7412, 0.4549, 0.2588
CMYK	0.65, 0.26, 0.00, 0.26
HSL	204°, 48%, 50%
HSV	204°, 65%, 74%
XYZ	20.6647, 23.2976, 51.5519
YIQ	122.8730, -59.5580, 0.0740

Conversions

Conversions Part 2

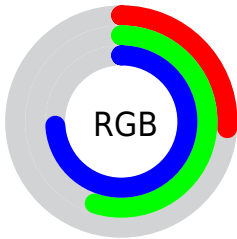
Format	Color
R _Y B	66, 112, 189
Decimal	4361149
CIE Lab	55.38, -7.01, -32.82
CIE LCh	55, 33.556, 257.945
Yxy	23.2976, 0.2164, 0.2439
Android (android.graphics.Color)	4282551229 (0xFF428BBD)
YUV	122.8730, 32.6006, -49.8776
Hunter-Lab	48.2676, -8.0475, -29.5369

Details

The Hex color **428BBD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BD7442**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7EC0F5**, and **005987** is the 20% darker color. If you saturate the color by 10%, you get **2F83BD**, and if you desaturate by 10%, it is **5593BD**.

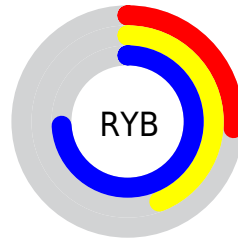
Distribution



Red (26%)

Green (55%)

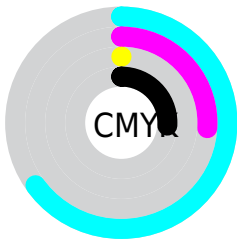
Blue (74%)



Red (26%)

Yellow (44%)

Blue (74%)

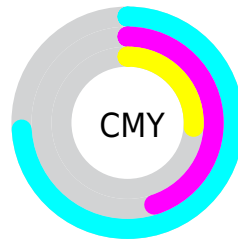


Cyan (65%)

Magenta (26%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

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

■ 428BBD

■ 428BBD

FFFFFF

■ 1D72A2

■ 7EC0F5

■ 005987

■ 9ADCFF

■ 00426E

■ B8F9FF

■ 002C55

■ D5FFFF

■ 00183E

■ F3FFFF

■ 000327

■ 000111

■ 000000

■ 428BBD

■ 428BBD

■ 2F83BD

■ 5593BD

■ 1C7CBD

■ 689ABD

■ 0974BD

■ 7BA2BD

■ 0070BD

■ 8EAABD

■ A1B1BD

■ B3B9BD

■ C6C1BD

■ D9C8BD

■ ECD0BD

Harmonies

Analogous

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



0091AF



428BBD



7681BC

Triad

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



428BBD



BD6E74



658F5D

Complementary

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



428BBD



BD7442

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.



86884C



428BBD



B5755B

Square

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



428BBD



B66F92



A27F4C



3D9378

Rectangle

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



428BBD



927AB3



A27F4C



708D56

Sweetspot

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



428BBD



C4E1F5



42BD73



5D6E7A



FAFAFA



7A7A7A

Same Dimension

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



428BBD



36A7F5



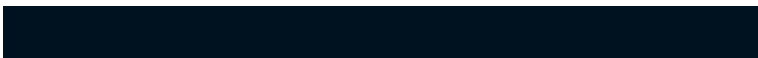
424EBD



555B5E



005E9E



00121F

Inverse Universe

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



BD428B



F536A7



BDB142



5E555B



9E005E



1F0012

Previews

White Background



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

Color Contrast Check

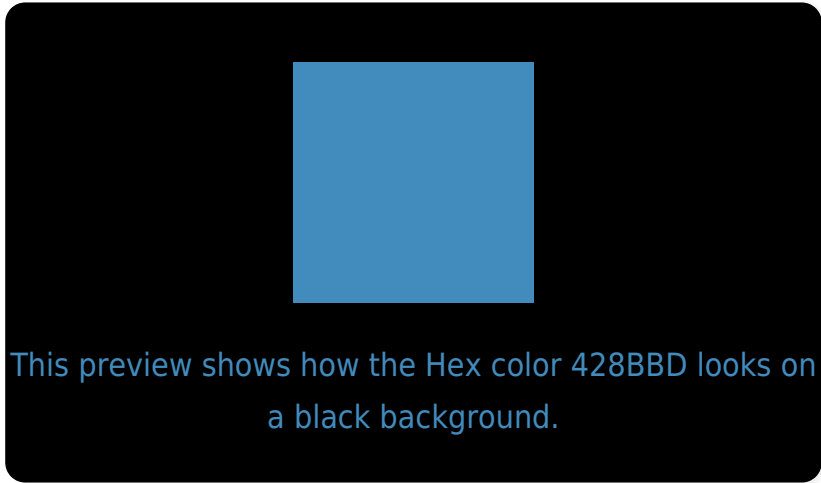
Large Text (above 18pt) WCAG AA ✓ Pass

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

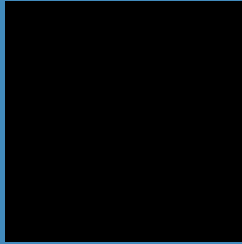
Any Text WCAG AA ✓ Pass

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 428BBD Background



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

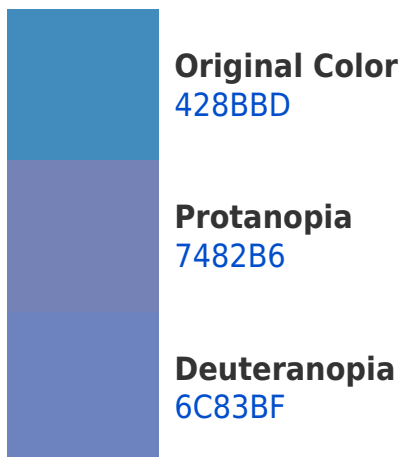


This preview shows how white text looks on a background with the Hex color 428BBD.

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](#).

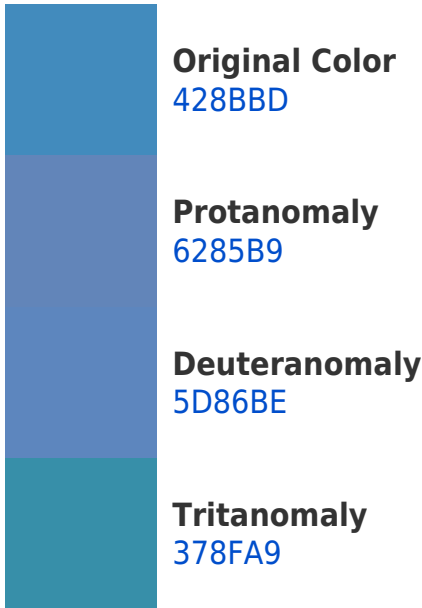
Dichromacy



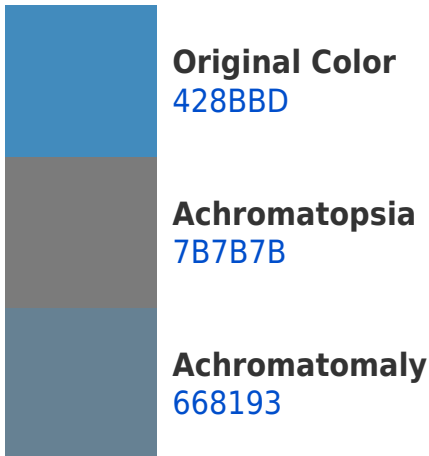


Tritanopia
30919D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #428BBD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 428BBD 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  
#428BBD }
```

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor