

# Converting Colors

Hex(628BCD)

Have a look what the booklet for  
Hex(628BCD) contains.

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# Color

**Hex(628BCD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	628BCD
RGB	98, 139, 205
RGB Percent	38%, 55%, 80%
CMY	0.6157, 0.4549, 0.1961
CMYK	0.52, 0.32, 0.00, 0.20
HSL	217°, 52%, 59%
HSV	217°, 52%, 80%
XYZ	25.2891, 25.4697, 61.3409
YIQ	134.2650, -45.6220, 11.8340

# Conversions

## Conversions Part 2

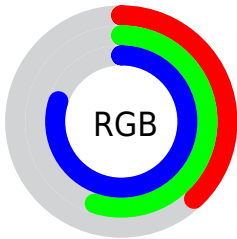
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 128, 205
Decimal	6458317
CIE <sub>Lab</sub>	57.53, 4.65, -38.40
CIE <sub>LCh</sub>	58, 38.685, 276.902
Yxy	25.4697, 0.2256, 0.2272
Android (android.graphics.Color)	4284648397 (0xFF628BCD)
YUV	134.2650, 34.8724, -31.8044
Hunter-Lab	50.4675, 1.1275, -36.7370

# Details

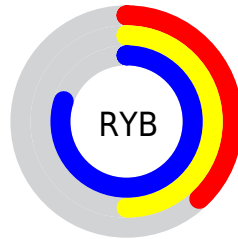
The Hex color **628BCD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **CDA462**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9AC0FF**, and **255996** is the 20% darker color. If you saturate the color by 10%, you get **4E7ECD**, and if you desaturate by 10%, it is **7798CD**.

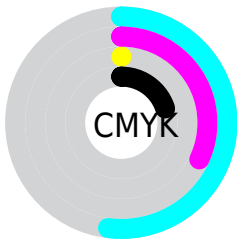
# Distribution



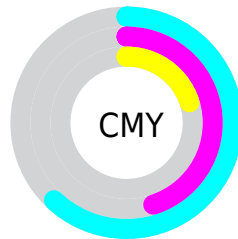
- Red (38%)
- Green (55%)
- Blue (80%)



- Red (38%)
- Yellow (50%)
- Blue (80%)



- Cyan (52%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (45%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628BCD 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 628BCD by changing the saturation by 10% instead.



■ 628BCD

■ 628BCD

FFFFFF

■ 4572B1

■ 9AC0FF

■ 255996

■ B7DCFF

■ 00427C

■ D4F8FF

■ 002D63

■ F1FFFF

■ 00194B

■ 000434

■ 00021E

■ 000000

■ 628BCD

■ 628BCD

■ 4E7ECD

■ 7798CD

■ 3972CD

■ 8BA4CD

■ 2565CD

■ A0B1CD

■ 1058CD

■ B4BECD

■ 004FCD

■ C9CACD

■ DDD7CD

■ F2E4CD

■ FFF0CD

■ FFFDCD

# Harmonies

## Analogous

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



0095C8



628BCD



987EC0

# Triad

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



628BCD



C77463



479A6E

# Complementary

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



628BCD



CDA462

# 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.



749452



628BCD



B57F4C

# Square

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



628BCD



CA6F84



988B45



009C91

# Rectangle

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



628BCD



B176B0



988B45



579864



# Sweetspot

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



628BCD



D6E6FF



62CDA4



677180



000000



808080

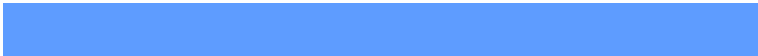


# Same Dimension

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



628BCD



5E9CFF



6E62CD



5C6066



0040A6



000F26



# Inverse Universe

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



CD628B



FF5E9C



C1CD62



665C60



A60040

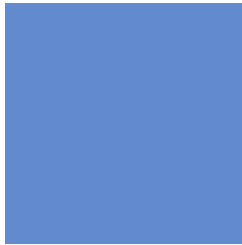


26000F



# Previews

## White Background



This preview shows how the Hex color 628BCD looks on a white background.

## Color Contrast Check

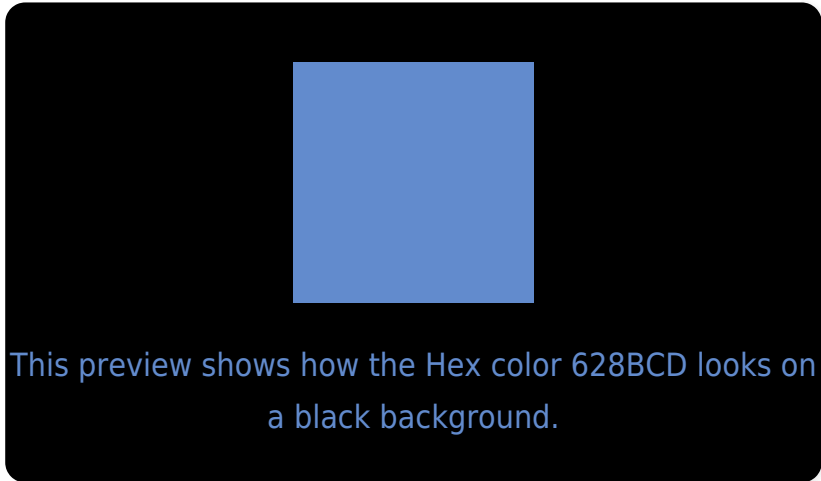
Large Text (above 18pt) WCAG AA ✓ Pass

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

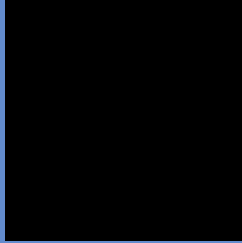
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

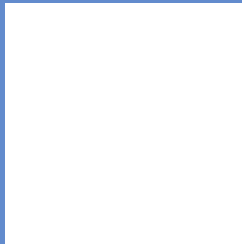
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 628BCD Background



This preview shows how black text looks on a background with the Hex color 628BCD.

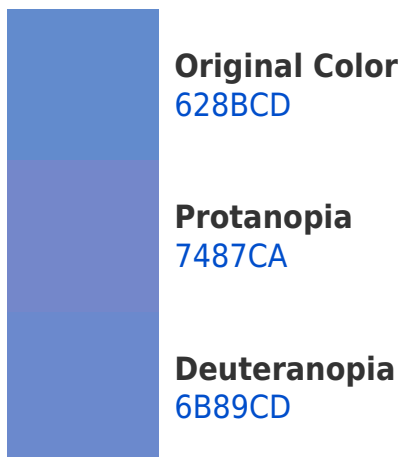



This preview shows how white text looks on a background with the Hex color 628BCD.

# 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](#).

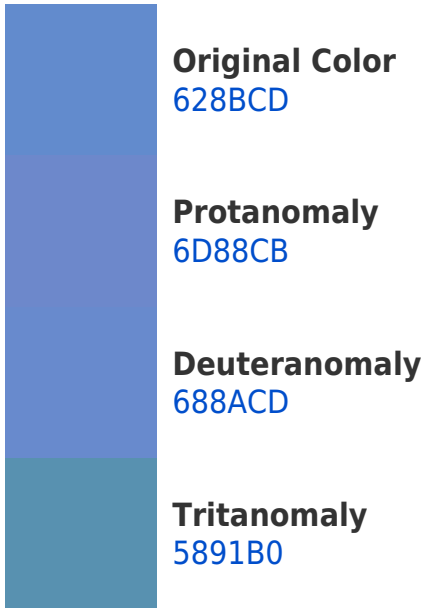
## Dichromacy



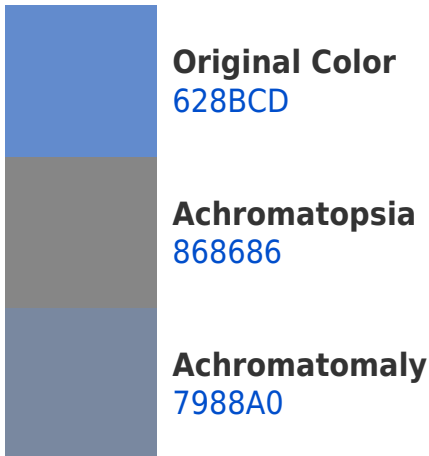


**Tritanopia**  
5394A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628BCD 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 #628BCD looks like.

```
.text, #text, p{  
    color:#628BCD  
}
```

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 #628BCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628BCD
}
```

## Border

The CSS property to change the border of an element to Hex 628BCD 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
#628BCD }
```

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

```
.border{ border-color:#628BCD }
```

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

Here you see how a box with a 4 pixel #628BCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628BCD; -webkit-box-shadow:4px 4px  
4px 4px #628BCD; box-shadow:4px 4px 4px  
4px #628BCD }
```

# Background

The CSS property to change the background color of an element to Hex 628BCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628BCD }
```

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

```
.background{ background-color:#628BCD }
```

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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