

# Converting Colors

Hex(267BC2)

Have a look what the booklet for  
Hex(267BC2) contains.

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# Color

Hex(267BC2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	267BC2
RGB	38, 123, 194
RGB Percent	15%, 48%, 76%
CMY	0.8510, 0.5176, 0.2392
CMYK	0.80, 0.37, 0.00, 0.24
HSL	207°, 67%, 45%
HSV	207°, 80%, 76%
XYZ	17.6199, 18.4730, 53.6759
YIQ	105.6790, -73.4510, 4.0610

# Conversions

## Conversions Part 2

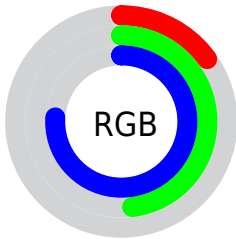
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 93, 194
Decimal	2522050
CIELab	50.06, 0.33, -44.09
CIELCh	50, 44.089, 270.434
Yxy	18.4730, 0.1963, 0.2058
Android (android.graphics.Color)	4280712130 (0xFF267BC2)
YUV	105.6790, 43.5423, -59.3545
Hunter-Lab	42.9803, -2.0388, -43.9582

# Details

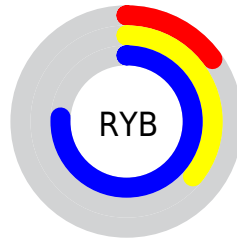
The Hex color **267BC2** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C26D26**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6CAFFB**, and **004B8C** is the 20% darker color. If you saturate the color by 10%, you get **1372C2**, and if you desaturate by 10%, it is **3984C2**.

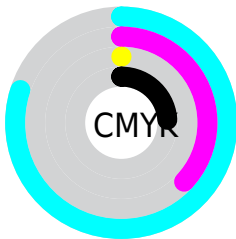
# Distribution



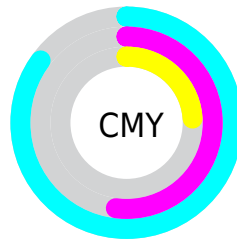
- Red (15%)
- Green (48%)
- Blue (76%)



- Red (15%)
- Yellow (36%)
- Blue (76%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (52%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 267BC2 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 267BC2 by changing the saturation by 10% instead.



■ 267BC2

■ 267BC2

FFFFFF

■ 0062A7

■ 6CAFFB

■ 004B8C

■ 8ACAFF

■ 003572

■ A8E6FF

■ 002059

■ C6FFFF

■ 000741

■ E4FFFF

■ 00032A

■ 000114

■ 000000

■ 267BC2

■ 267BC2

■ 1372C2

■ 3984C2

■ 006AC2

■ 4D8DC2

■ 6095C2

■ 749EC2

■ 87A7C2

■ 9AB0C2

■ AEB9C2

■ C1C2C2

■ D5CAC2

# Harmonies

## Analogous

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



0084B8



267BC2



796DB8

# Triad

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



267BC2



BA5A53



328750

# Complementary

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



267BC2



C26D26

# 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.



668033



267BC2



A96736

# Square

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



267BC2



BA5678



8B7528



008A76

# Rectangle

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



267BC2



9963A7



8B7528



468545

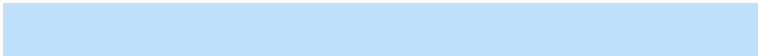


# Sweetspot

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



267BC2



C0E1FC



26C26C



5B6F80



000000



808080

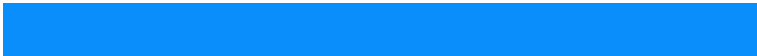


# Same Dimension

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



267BC2



0A8EFC



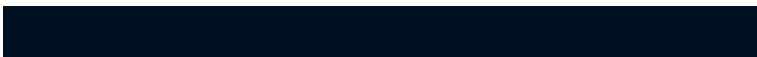
262EC2



575C61



0058A1



001221



# Inverse Universe

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



C2267B



FC0A8E



C2BA26



61575C



A10058



210012



# Previews

## White Background



This preview shows how the Hex color 267BC2 looks on a white background.

## Color Contrast Check

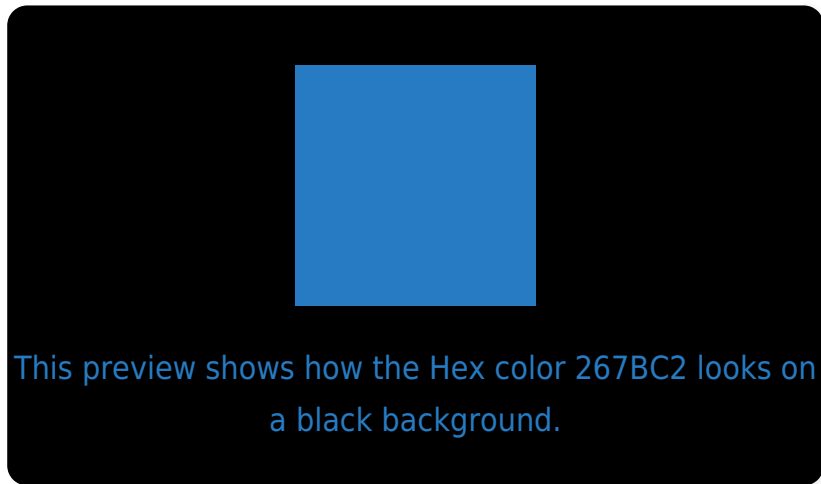
Large Text (above 18pt) WCAG AA ✓ Pass

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

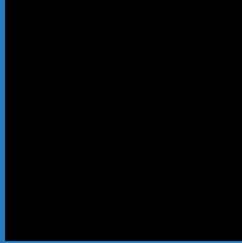
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 267BC2 Background



This preview shows how black text looks on a background with the Hex color 267BC2.

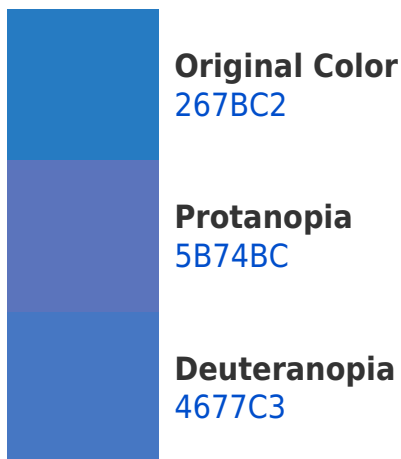


This preview shows how white text looks on a background with the Hex color 267BC2.

# 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](#).

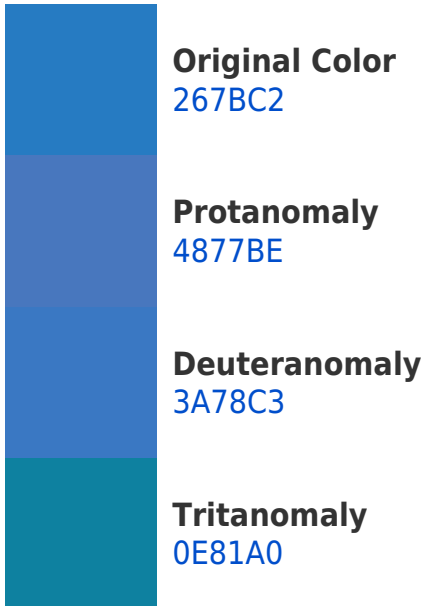
## Dichromacy



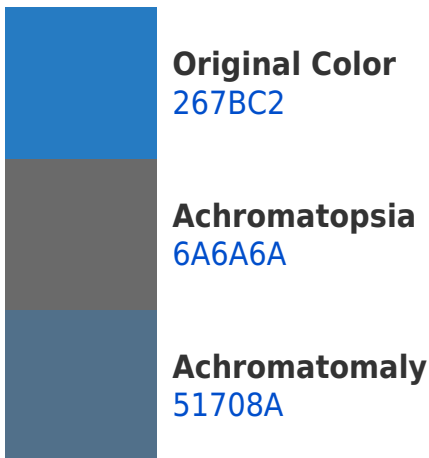


**Tritanopia**  
00848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 267BC2 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 #267BC2 looks like.

```
.text, #text, p{  
    color:#267BC2  
}
```

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 #267BC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267BC2
}
```

## Border

The CSS property to change the border of an element to Hex 267BC2 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
#267BC2 }
```

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

```
.border{ border-color:#267BC2 }
```

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

Here you see how a box with a 4 pixel #267BC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267BC2; -webkit-box-shadow:4px 4px  
4px 4px #267BC2; box-shadow:4px 4px 4px  
4px #267BC2 }
```

# Background

The CSS property to change the background color of an element to Hex 267BC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267BC2 }
```

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

```
.background{ background-color:#267BC2 }
```

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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