

# Converting Colors

Hex(4275BC)

Have a look what the booklet for  
Hex(4275BC) contains.

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# Color

Hex(4275BC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4275BC
RGB	66, 117, 188
RGB Percent	26%, 46%, 74%
CMY	0.7412, 0.5412, 0.2627
CMYK	0.65, 0.38, 0.00, 0.26
HSL	215°, 48%, 50%
HSV	215°, 65%, 74%
XYZ	17.6852, 17.5117, 50.0249
YIQ	109.8450, -53.1870, 11.2690

# Conversions

## Conversions Part 2

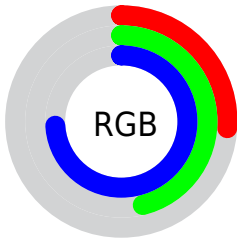
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 102, 188
Decimal	4355516
CIE Lab	48.90, 5.71, -42.43
CIE LCh	49, 42.815, 277.669
Yxy	17.5117, 0.2075, 0.2055
Android (android.graphics.Color)	4282545596 (0xFF4275BC)
YUV	109.8450, 38.5304, -38.4521
Hunter-Lab	41.8469, 2.2047, -41.5840

# Details

The Hex color **4275BC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BC8942**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7DA9F5**, and **004586** is the 20% darker color. If you saturate the color by 10%, you get **2F6ABC**, and if you desaturate by 10%, it is **5580BC**.

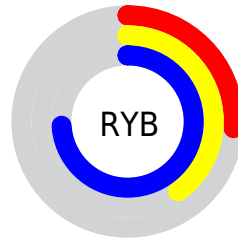
# Distribution



Red (26%)

Green (46%)

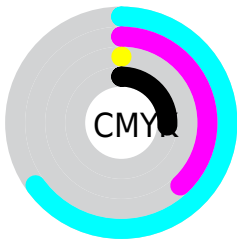
Blue (74%)



Red (26%)

Yellow (40%)

Blue (74%)

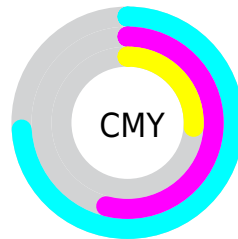


Cyan (65%)

Magenta (38%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (54%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4275BC 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 4275BC by changing the saturation by 10% instead.



■ 4275BC

■ 4275BC

FFFFFF

■ 1E5DA1

■ 7DA9F5

■ 004586

■ 9AC4FF

■ 00306D

■ B7E0FF

■ 001C54

■ D4FCFF

■ 00053C

■ F2FFFF

■ 000226

■ 00010E

■ 000000

■ 4275BC

■ 4275BC

■ 2F6ABC

■ 5580BC

■ 1C5FBC

■ 688BBC

■ 0A54BC

■ 7A96BC

■ 004FBC

■ 8DA1BC

■ A0ACBC

■ B3B7BC

■ C6C2BC

■ D8CDBC

■ EBD7BC

# Harmonies

## Analogous

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



007FB7



4275BC



8367AE

# Triad

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



4275BC



B35B4A



1E8457

# Complementary

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



4275BC



BC8942

# 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.



597F38



4275BC



9E6830

# Square

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



4275BC



B7546C



807528



00867D

# Rectangle

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



4275BC



9E5D9B



807528



38834C



# Sweetspot

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



4275BC



C6DAF5



42BC87



5E6A7A



FAFAFA



7A7A7A



# Same Dimension

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



4275BC



3686F5



4A42BC



55595E



00429E



000D1F



# Inverse Universe

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



BC4275



F53686



B4BC42



5E5559



9E0042



1F000D



# Previews

## White Background



This preview shows how the Hex color 4275BC looks on a white background.

## Color Contrast Check

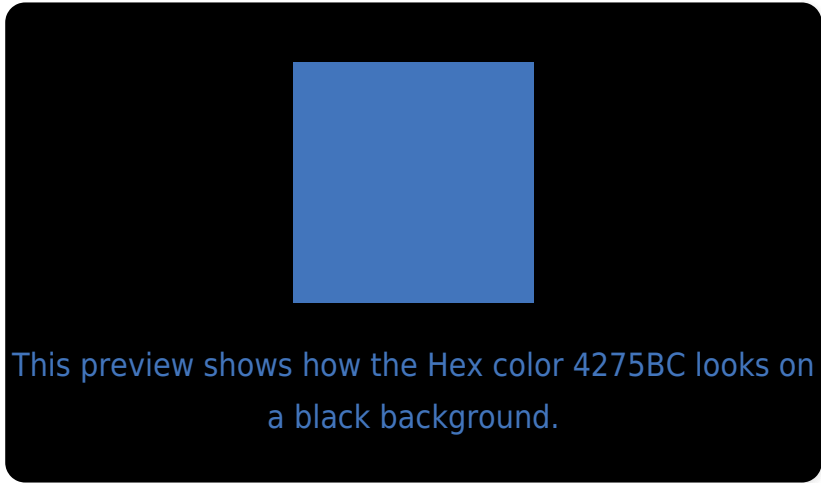
Large Text (above 18pt) WCAG AA ✓ Pass

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

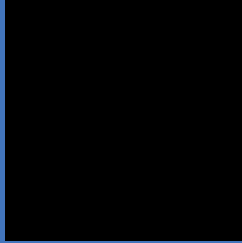
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4275BC Background



This preview shows how black text looks on a background with the Hex color 4275BC.



This preview shows how white text looks on a background with the Hex color 4275BC.

# 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](#).

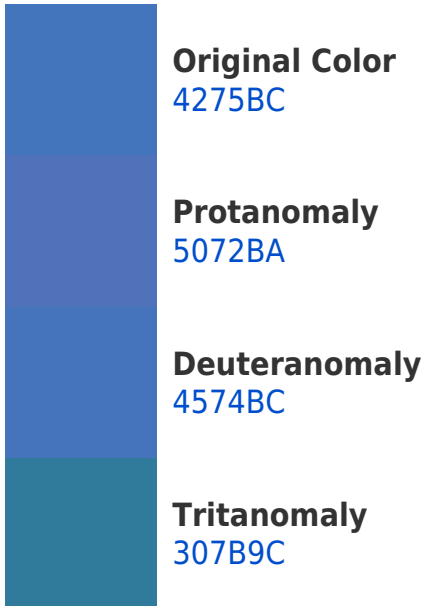
## Dichromacy



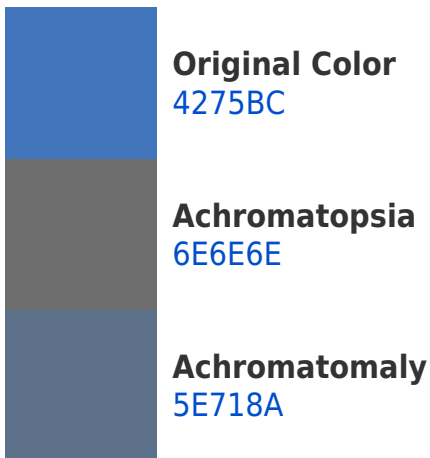


**Tritanopia**  
257F8A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4275BC 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 #4275BC looks like.

```
.text, #text, p{  
    color:#4275BC  
}
```

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 #4275BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4275BC  
}
```

## Border

The CSS property to change the border of an element to Hex 4275BC 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  
#4275BC }
```

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

```
.border{ border-color:#4275BC }
```

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

Here you see how a box with a 4 pixel #4275BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4275BC; -webkit-box-shadow:4px 4px  
4px 4px #4275BC; box-shadow:4px 4px 4px  
4px #4275BC }
```

# Background

The CSS property to change the background color of an element to Hex 4275BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4275BC }
```

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

```
.background{ background-color:#4275BC }
```

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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