

# Converting Colors

Hex(4569CF)

Have a look what the booklet for  
Hex(4569CF) contains.

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# Color

Hex(4569CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	4569CF
RGB	69, 105, 207
RGB Percent	27%, 41%, 81%
CMY	0.7294, 0.5882, 0.1882
CMYK	0.67, 0.49, 0.00, 0.19
HSL	224°, 59%, 54%
HSV	224°, 67%, 81%
XYZ	18.7683, 15.8734, 61.1062
YIQ	105.8640, -54.1980, 24.0900

# Conversions

## Conversions Part 2

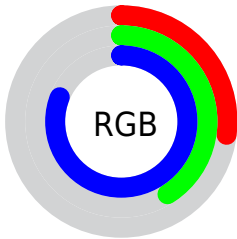
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 98, 207
Decimal	4549071
CIE <sub>Lab</sub>	46.81, 20.44, -56.68
CIE <sub>LCh</sub>	47, 60.252, 289.827
Yxy	15.8734, 0.1960, 0.1658
Android (android.graphics.Color)	4282739151 (0xFF4569CF)
YUV	105.8640, 49.8600, -32.3297
Hunter-Lab	39.8414, 14.3646, -63.0462

# Details

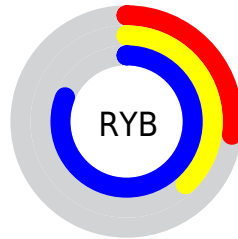
The Hex color **4569CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CFAB45**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **839CFF**, and **003B98** is the 20% darker color. If you saturate the color by 10%, you get **305ACF**, and if you desaturate by 10%, it is **5A78CF**.

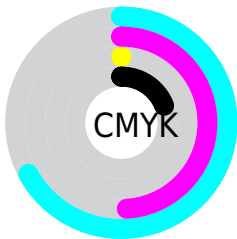
# Distribution



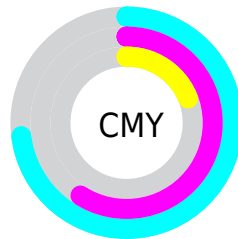
- Red (27%)
- Green (41%)
- Blue (81%)



- Red (27%)
- Yellow (38%)
- Blue (81%)



- Cyan (67%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (59%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4569CF 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 4569CF by changing the saturation by 10% instead.



■ 4569CF

■ 4569CF

FFFFFF

■ 1D51B3

■ 839CFF

■ 003B98

■ A1B6FF

■ 00267D

■ BED2FF

■ 001464

■ DCEEFF

■ 00044B

■ FAFFFF

■ 000433

■ 00021D

■ 000000

■ 4569CF

■ 4569CF

■ 305ACF

■ 5A78CF

■ 1C4ACF

■ 6E88CF

■ 073BCF

■ 8397CF

■ 0036CF

■ 98A6CF

■ ACB6CF

■ C1C5CF

■ D6D4CF

■ EBE3CF

■ FFF3CF

# Harmonies

## Analogous

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



007AD3



4569CF



9A51B1

# Triad

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



4569CF



B75021



00855B

# Complementary

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



4569CF



CFAB45

# 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.



1E8027



4569CF



946700

# Square

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



4569CF



C83B50



667700



008690

# Rectangle

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



4569CF



B74093



667700



00844A



# Sweetspot

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



4569CF



CCD9FF



45CFAA



616980



000000



808080



# Same Dimension

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



4569CF



3368FF



6545CF



5E6169



002CA8



000B29



# Inverse Universe

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



CF4569



FF3368



AFCF45



695E61



A8002C



29000B



# Previews

## White Background



This preview shows how the Hex color 4569CF looks on a white background.

## Color Contrast Check

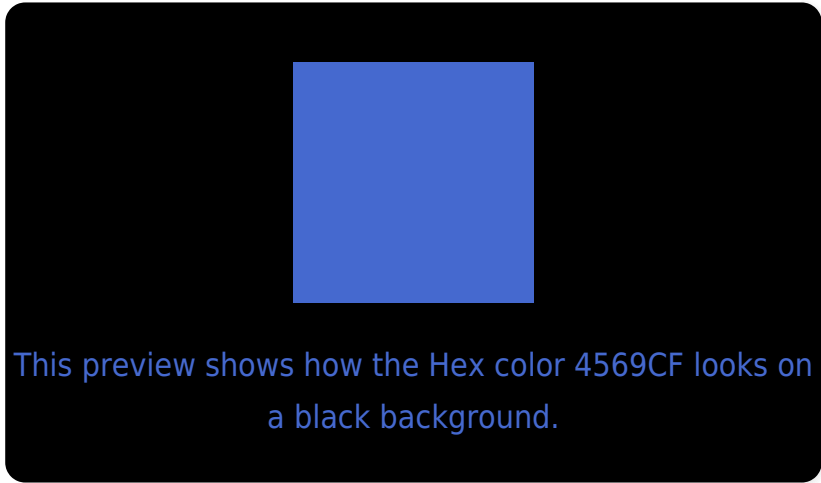
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

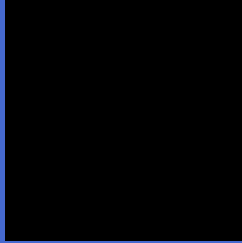
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4569CF Background



This preview shows how black text looks on a background with the Hex color 4569CF.

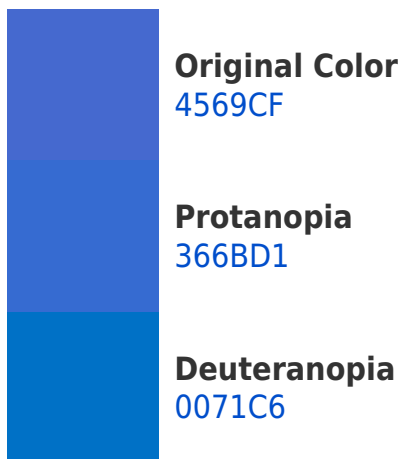


This preview shows how white text looks on a background with the Hex color 4569CF.

# 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](#).

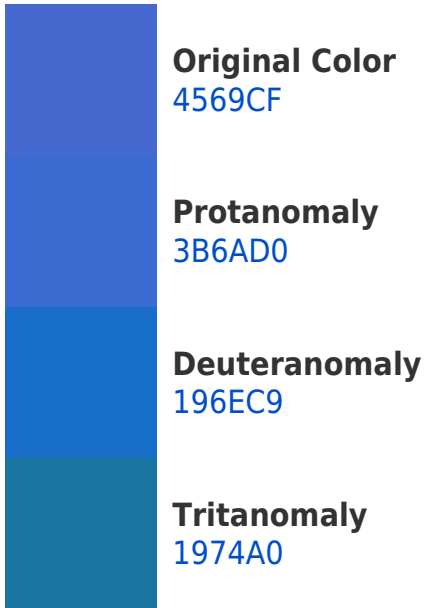
## Dichromacy





**Tritanopia**  
007B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4569CF 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 #4569CF looks like.

```
.text, #text, p{  
    color:#4569CF  
}
```

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 #4569CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4569CF
}
```

## Border

The CSS property to change the border of an element to Hex 4569CF 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
#4569CF }
```

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

```
.border{ border-color:#4569CF }
```

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

Here you see how a box with a 4 pixel #4569CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4569CF; -webkit-box-shadow:4px 4px  
4px 4px #4569CF; box-shadow:4px 4px 4px  
4px #4569CF }
```

# Background

The CSS property to change the background color of an element to Hex 4569CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4569CF }
```

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

```
.background{ background-color:#4569CF }
```

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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