

# Converting Colors

Hex(465DBF)

Have a look what the booklet for  
Hex(465DBF) contains.

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# Color

**Hex(465DBF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	465DBF
RGB	70, 93, 191
RGB Percent	27%, 36%, 75%
CMY	0.7255, 0.6353, 0.2510
CMYK	0.63, 0.51, 0.00, 0.25
HSL	229°, 49%, 51%
HSV	229°, 63%, 75%
XYZ	15.8441, 12.8924, 50.9436
YIQ	97.2950, -45.1660, 25.6020

# Conversions

## Conversions Part 2

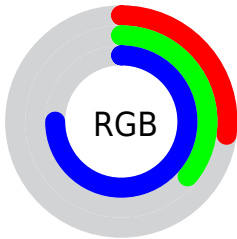
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>70, 89, 191</b>
Decimal	4611519
CIE Lab	42.60, 22.59, -54.23
CIE LCh	43, 58.746, 292.614
Yxy	12.8924, 0.1988, 0.1618
Android (android.graphics.Color)	4282801599 (0xFF465DBF)
YUV	97.2950, 46.1966, -23.9377
Hunter-Lab	35.9060, 15.9307, -58.9869

# Details

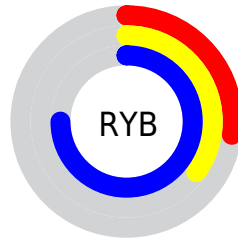
The Hex color **465DBF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BFA846**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **818FF8**, and **003089** is the 20% darker color. If you saturate the color by 10%, you get **334EBF**, and if you desaturate by 10%, it is **596CBF**.

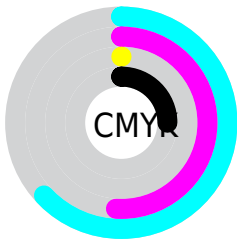
# Distribution



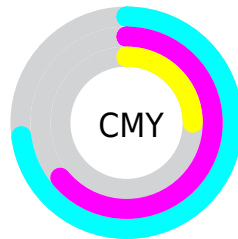
- Red (27%)
- Green (36%)
- Blue (75%)



- Red (27%)
- Yellow (35%)
- Blue (75%)



- Cyan (63%)
- Magenta (51%)
- Yellow (0%)
- Black (25%)



- Cyan (73%)
- Magenta (64%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 465DBF 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 465DBF by changing the saturation by 10% instead.



■ 465DBF

■ 465DBF

FFFFFF

■ 2346A3

■ 818FF8

■ 003089

■ 9EA9FF

■ 001C6F

■ BCC4FF

■ 000356

■ D9E0FF

■ 00063D

■ F7FDFD

■ 000327

■ 000110

■ 000000

■ 465DBF

■ 465DBF

■ 334EBF

■ 596CBF

■ 203EBF

■ 6C7CBF

■ 0D2FBF

■ 7F8BBF

■ 0024BF

■ 929BBF

■ A6AABF

■ B9BABF

■ CCC9BF

■ DFD9BF

■ F2E8BF

# Harmonies

## Analogous

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



006EC5



465DBF



9245A0

# Triad

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



465DBF



A64914



007957

# Complementary

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



465DBF



BFA846

# 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.



007524



465DBF



845E00

# Square

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



465DBF



B83243



576D00



007A89

# Rectangle

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



465DBF



AC3483



576D00



007846



# Sweetspot

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



465DBF



C8D1F7



46BFA7



60667D



FCFCFC



7D7D7D



# Same Dimension

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



465DBF



3B5FF7



6A46BF



55575E



001E9E



00061F



# Inverse Universe

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



BF465D



F73B5F



9BBF46



5E5557



9E001E

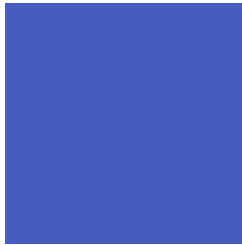


1F0006



# Previews

## White Background



This preview shows how the Hex color 465DBF looks on a white background.

## Color Contrast Check

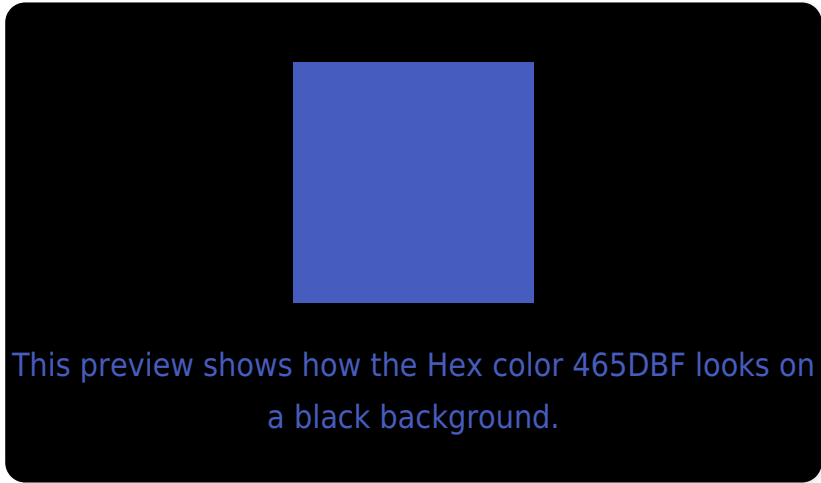
Large Text (above 18pt) WCAG AA ✓ Pass

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

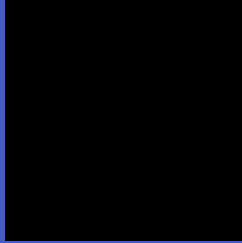
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 465DBF Background



This preview shows how black text looks on a background with the Hex color 465DBF.



This preview shows how white text looks on a background with the Hex color 465DBF.

# 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](#).

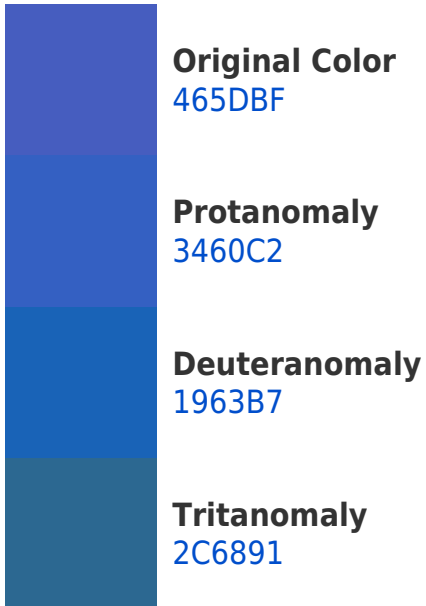
## Dichromacy





**Tritanopia**  
1D6E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 465DBF 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 #465DBF looks like.

```
.text, #text, p{  
    color:#465DBF  
}
```

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 #465DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465DBF
}
```

## Border

The CSS property to change the border of an element to Hex 465DBF 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
#465DBF }
```

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

```
.border{ border-color:#465DBF }
```

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

Here you see how a box with a 4 pixel #465DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465DBF; -webkit-box-shadow:4px 4px  
4px 4px #465DBF; box-shadow:4px 4px 4px  
4px #465DBF }
```

# Background

The CSS property to change the background color of an element to Hex 465DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465DBF }
```

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

```
.background{ background-color:#465DBF }
```

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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