

Converting Colors

Hex(4950BF)

Have a look what the booklet for
Hex(4950BF) contains.

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Color

Hex(4950BF)

Conversions

Conversions Part 1

Format	Color
Hex	4950BF
RGB	73, 80, 191
RGB Percent	29%, 31%, 75%
CMY	0.7137, 0.6863, 0.2510
CMYK	0.62, 0.58, 0.00, 0.25
HSL	236°, 48%, 52%
HSV	236°, 62%, 75%
XYZ	15.0203, 10.9154, 50.6054
YIQ	90.5610, -39.8030, 33.0370

Conversions

Conversions Part 2

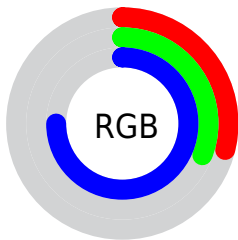
Format	Color
R_{YB}	73, 80, 191
Decimal	4804799
CIE _{Lab}	39.44, 31.37, -59.34
CIE _{LCh}	39, 67.119, 297.862
Yxy	10.9154, 0.1962, 0.1426
Android (android.graphics.Color)	4282994879 (0xFF4950BF)
YUV	90.5610, 49.5164, -15.4010
Hunter-Lab	33.0384, 23.3343, -67.6885

Details

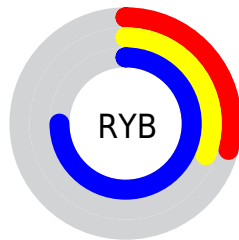
The Hex color **4950BF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BFB849**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8581F8**, and **002488** is the 20% darker color. If you saturate the color by 10%, you get **363EBF**, and if you desaturate by 10%, it is **5C62BF**.

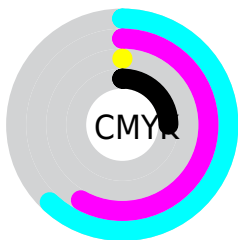
Distribution



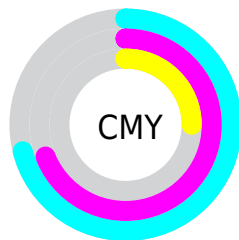
- Red (29%)
- Green (31%)
- Blue (75%)



- Red (29%)
- Yellow (31%)
- Blue (75%)



- Cyan (62%)
- Magenta (58%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (69%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4950BF 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 4950BF by changing the saturation by 10% instead.

■ 4950BF

■ 4950BF

FFFFFF

■ 2639A3

■ 8581F8

■ 002488

■ A29BFF

■ 00106E

■ BFB6FF

■ 000055

■ DDD2FF

■ 00063D

■ FBEEFF

■ 000326

■ 00010F

■ 000000

■ 4950BF

■ 4950BF

■ 363EBF

■ 5C62BF

■ 232CBF

■ 6F74BF

■ 101ABF

■ 8286BF

■ 000BBF

■ 9598BF

■ A9AABF

■ BCBCBF

■ CFCEBF

■ E2E0BF

■ F5F2BF

Harmonies

Analogous

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



0066CC



4950BF



992E98

Triad

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



4950BF



9D4100



007357

Complementary

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



4950BF



BFB849

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.



00701B



4950BF



755900

Square

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



4950BF



B61B2E



3F6800



00748F

Rectangle

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



4950BF



B10D76



3F6800



007244

Sweetspot

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



4950BF



C8CBF7



49BFB7



60627D



FCFCFC



7D7D7D

Same Dimension

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



4950BF



404BF7



7C49BF



55555E



00099E



00021F

Inverse Universe

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



BF4950



F7404B



8CBF49



5E5555



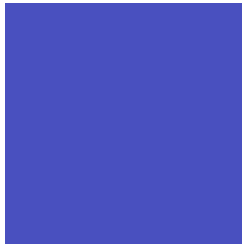
9E0009



1F0002

Previews

White Background



This preview shows how the Hex color 4950BF looks on a white background.

Color Contrast Check

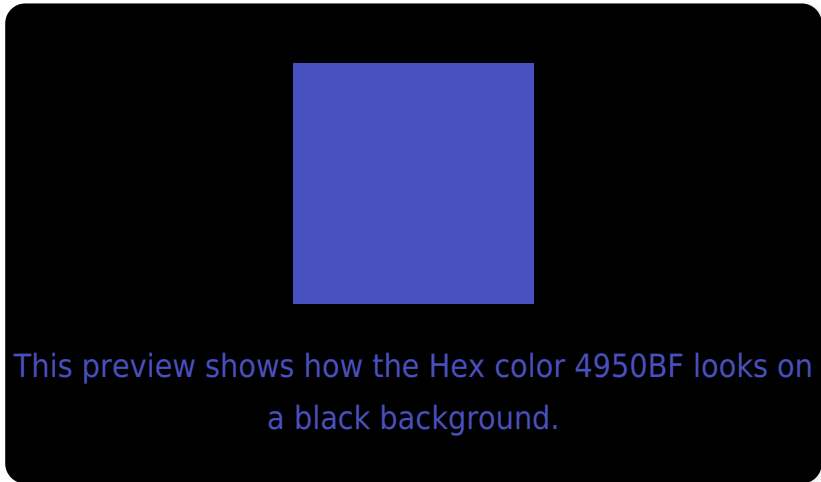
Large Text (above 18pt) WCAG AA ✓ Pass

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

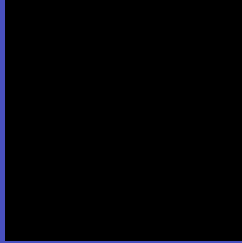
Any Text WCAG AA × Fail

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 4950BF Background



This preview shows how black text looks on a background with the Hex color 4950BF.

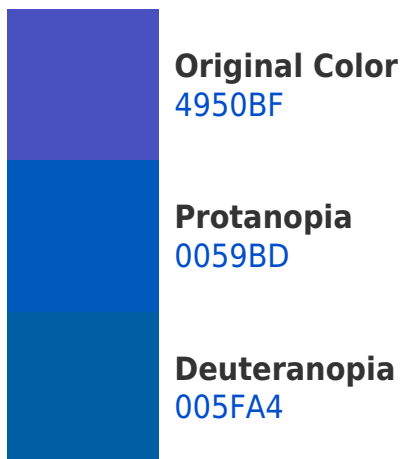



This preview shows how white text looks on a background with the Hex color 4950BF.

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](#).

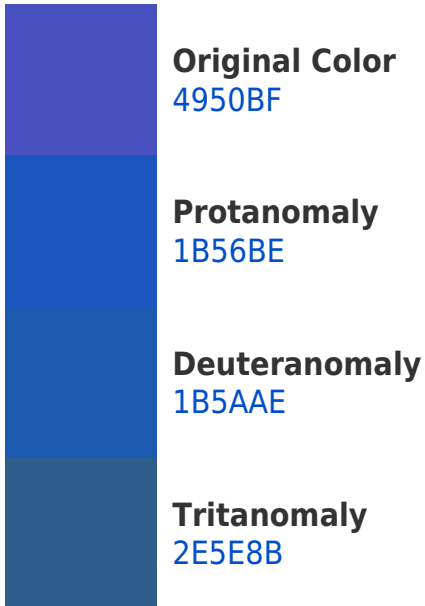
Dichromacy





Tritanopia
1F666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4950BF 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 #4950BF looks like.

```
.text, #text, p{  
    color:#4950BF  
}
```

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 #4950BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4950BF
}
```

Border

The CSS property to change the border of an element to Hex 4950BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

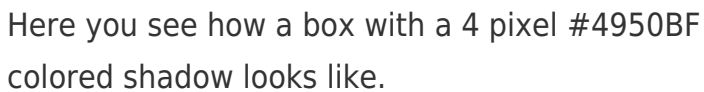
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4950BF }
```

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

```
.border{ border-color:#4950BF }
```

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



Here you see how a box with a 4 pixel #4950BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4950BF; -webkit-box-shadow:4px 4px  
4px 4px #4950BF; box-shadow:4px 4px 4px  
4px #4950BF }
```

Background

The CSS property to change the background color of an element to Hex 4950BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4950BF }
```

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

```
.background{ background-color:#4950BF }
```

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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