

Converting Colors

Hex(4945C6)

Have a look what the booklet for
Hex(4945C6) contains.

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Color

Hex(4945C6)

Conversions

Conversions Part 1

Format	Color
Hex	4945C6
RGB	73, 69, 198
RGB Percent	29%, 27%, 78%
CMY	0.7137, 0.7294, 0.2235
CMYK	0.63, 0.65, 0.00, 0.22
HSL	242°, 53%, 52%
HSV	242°, 65%, 78%
XYZ	15.0688, 9.7499, 54.5138
YIQ	84.9020, -39.0250, 40.9670

Conversions

Conversions Part 2

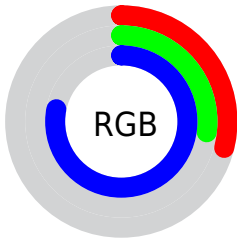
Format	Color
R_YB	73, 69, 198
Decimal	4801990
CIE _{Lab}	37.39, 40.49, -66.76
CIE _{LCh}	37, 78.076, 301.234
Yxy	9.7499, 0.1899, 0.1229
Android (android.graphics.Color)	4282992070 (0xFF4945C6)
YUV	84.9020, 55.7573, -10.4381
Hunter-Lab	31.2249, 31.4988, -81.6537

Details

The Hex color **4945C6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C2C645**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8676FF**, and **00188F** is the 20% darker color. If you saturate the color by 10%, you get **3631C6**, and if you desaturate by 10%, it is **5C59C6**.

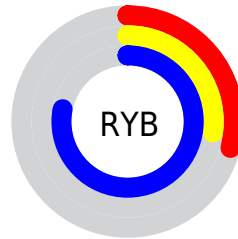
Distribution



Red (29%)

Green (27%)

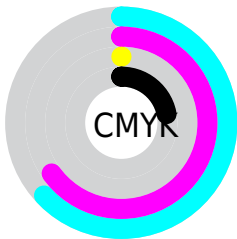
Blue (78%)



Red (29%)

Yellow (27%)

Blue (78%)

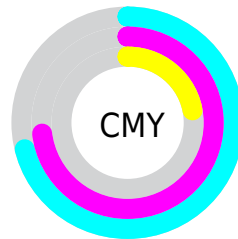


Cyan (63%)

Magenta (65%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (73%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4945C6 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 4945C6 by changing the saturation by 10% instead.

■ 4945C6

■ 4945C6

FFFFFF

■ 232EAA

■ 8676FF

■ 00188F

■ A490FF

■ 000574

■ C2ABFF

■ 00005B

■ E0C6FF

■ 000742

■ FEE2FF

■ 00032B

■ 000116

■ 000000

■ 4945C6

■ 4945C6

■ 3631C6

■ 5C59C6

■ 231DC6

■ 6F6DC6

■ 0F0AC6

■ 8380C6

■ 0600C6

■ 9694C6

■ A9A8C6

■ BCBCC6

■ CFD0C6

■ E2E3C6

■ F6F7C6

Harmonies

Analogous

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



0061D9



4945C6



A10096

Triad

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



4945C6



9A3900



007059

Complementary

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



4945C6



C2C645

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.



006D10



4945C6



6A5700

Square

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



4945C6



B9001B



256600



007199

Rectangle

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



4945C6



BA006D



256600



006F43

Sweetspot

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



4945C6



CECCFF



45C4C6



626180



000000



808080

Same Dimension

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



4945C6



3E38FF



8845C6



5A5A63



0500A3



010024

Inverse Universe

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



C645C2



FF38F9



83C645



635A63



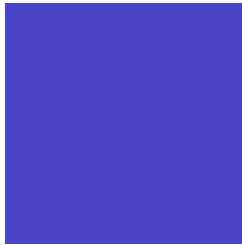
A3009E



240023

Previews

White Background



This preview shows how the Hex color 4945C6 looks on a white background.

Color Contrast Check

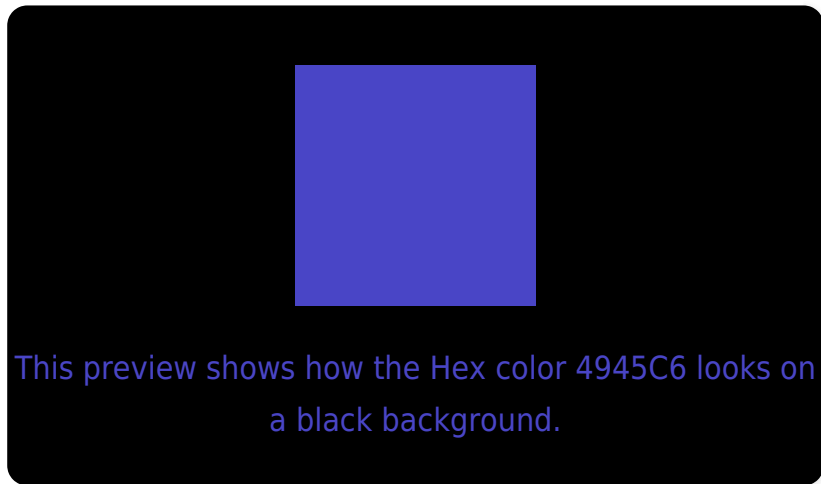
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

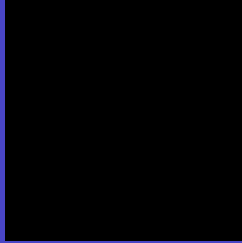
Any Text WCAG AA × Fail

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 4945C6 Background



This preview shows how black text looks on a background with the Hex color 4945C6.

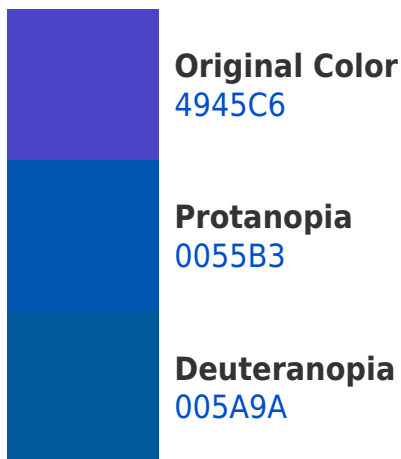


This preview shows how white text looks on a background with the Hex color 4945C6.

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](#).

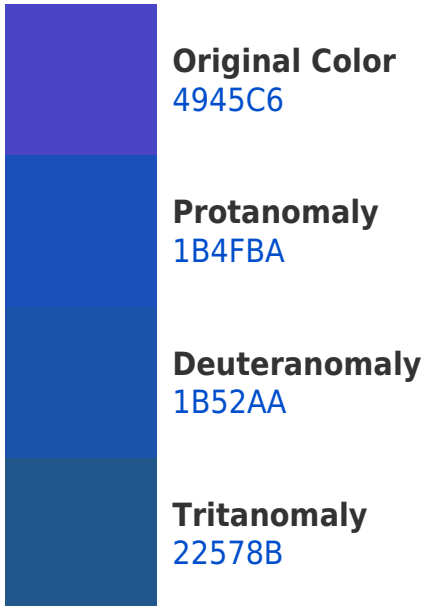
Dichromacy



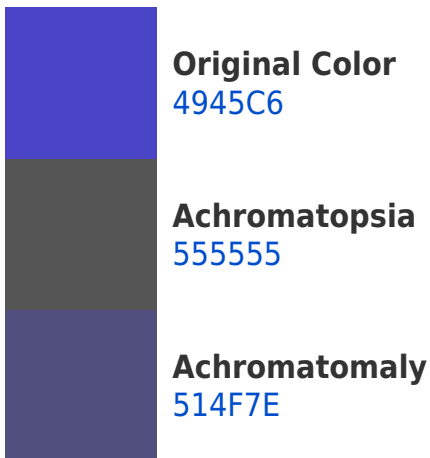


Tritanopia
0B6169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4945C6 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 #4945C6 looks like.

```
.text, #text, p{  
    color:#4945C6  
}
```

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 #4945C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4945C6
}
```

Border

The CSS property to change the border of an element to Hex 4945C6 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".

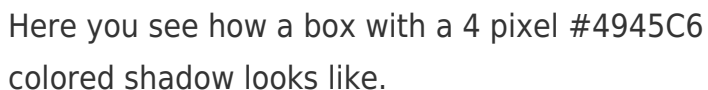
```
.border, #border, table{ border:4px solid
#4945C6 }
```

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

```
.border{ border-color:#4945C6 }
```

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

Here you see how a box with a 4 pixel #4945C6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4945C6; -webkit-box-shadow:4px 4px  
4px 4px #4945C6; box-shadow:4px 4px 4px  
4px #4945C6 }
```

Background

The CSS property to change the background color of an element to Hex 4945C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4945C6 }
```

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

```
.background{ background-color:#4945C6 }
```

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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