

Converting Colors

Hex(4545B5)

Have a look what the booklet for
Hex(4545B5) contains.

Hex(4545B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4545B5)

Conversions

Conversions Part 1

Format	Color
Hex	4545B5
RGB	69, 69, 181
RGB Percent	27%, 27%, 71%
CMY	0.7294, 0.7294, 0.2902
CMYK	0.62, 0.62, 0.00, 0.29
HSL	240°, 45%, 49%
HSV	240°, 62%, 71%
XYZ	12.9229, 8.8576, 44.7446
YIQ	81.7680, -35.9520, 34.8320

Conversions

Conversions Part 2

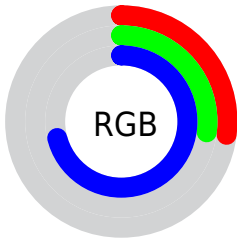
Format	Color
R_{YB}	69, 69, 181
Decimal	4539829
CIE _{Lab}	35.71, 34.22, -59.54
CIE _{LCh}	36, 68.674, 299.889
Yxy	8.8576, 0.1943, 0.1331
Android (android.graphics.Color)	4282729909 (0xFF4545B5)
YUV	81.7680, 48.9214, -11.1975
Hunter-Lab	29.7618, 25.4232, -68.3048

Details

The Hex color **4545B5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B5B545**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8076EE**, and **00197F** is the 20% darker color. If you saturate the color by 10%, you get **3333B5**, and if you desaturate by 10%, it is **5757B5**.

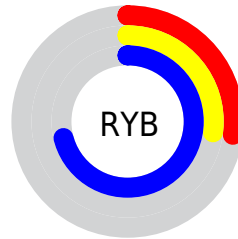
Distribution



Red (27%)

Green (27%)

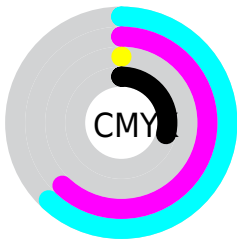
Blue (71%)



Red (27%)

Yellow (27%)

Blue (71%)

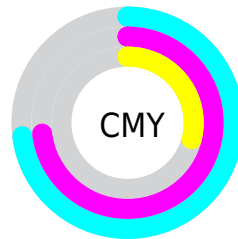


Cyan (62%)

Magenta (62%)

Yellow (0%)

Black (29%)



Cyan (73%)

Magenta (73%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4545B5 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 4545B5 by changing the saturation by 10% instead.

■ 4545B5

■ 4545B5

FFFFFF

■ 222E9A

■ 8076EE

■ 00197F

■ 9D8FFF

■ 000565

■ BAAAFF

■ 00004C

■ D8C5FF

■ 000535

■ F6E1FF

■ 00021E

FFFEFF

■ 000001

■ 000000

■ 4545B5

■ 4545B5

■ 3333B5

■ 5757B5

■ 2121B5

■ 6969B5

■ 0F0FB5

■ 7B7BB5

■ 0000B5

■ 8D8DB5

■ A0A0B5

■ B2B2B5

■ C4C4B5

■ D6D6B5

■ E8E8B5

Harmonies

Analogous

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



005CC4



4545B5



931B8C

Triad

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



4545B5



913900



006A52

Complementary

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



4545B5



B5B545

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.



006715



4545B5



685200

Square

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



4545B5



AB0421



2F6000



006A8A

Rectangle

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



4545B5



A90069



2F6000



00693F

Sweetspot

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



4545B5



BEBEEB



45B5B5



5A5A75



F5F5F5



757575

Same Dimension

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



4545B5



3D3DEB



7D45B5



505059



000099



00001A

Inverse Universe

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



B545B5



EB3DEB



7DB545



595059



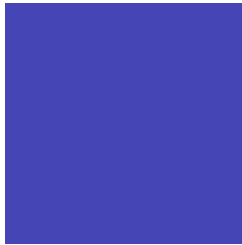
990099



1A001A

Previews

White Background



This preview shows how the Hex color 4545B5 looks on a white background.

Color Contrast Check

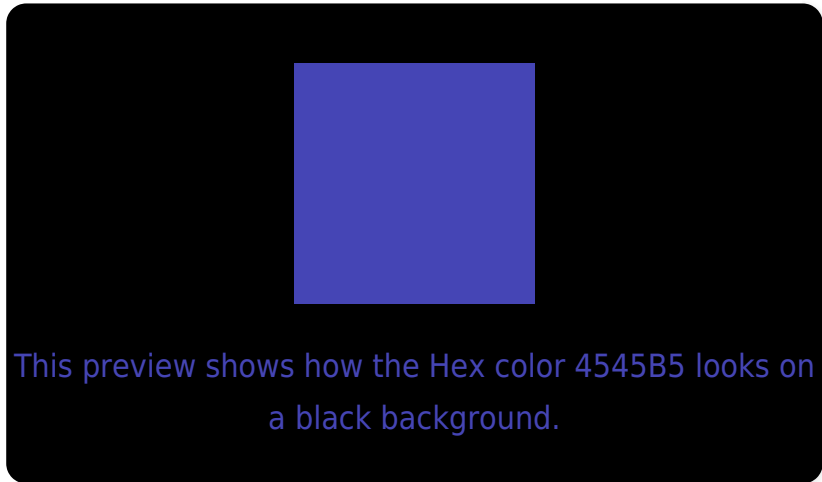
Large Text (above 18pt) WCAG AA ✓ Pass

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

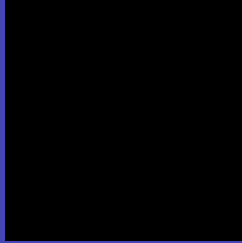
Any Text WCAG AA × Fail

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 4545B5 Background



This preview shows how black text looks on a background with the Hex color 4545B5.



This preview shows how white text looks on a background with the Hex color 4545B5.

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



Original Color
4545B5

Protanopia
0051AB

Deuteranopia
005693



Tritanopia
195C64

Trichromacy



Original Color
4545B5

Protanomaly
194DAF

Deuteranomaly
19509F

Tritanomaly
295481

Monochromacy



Original Color
4545B5

Achromatopsia
525252

Achromatomaly
4D4D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 4545B5 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 #4545B5 looks like.

```
.text, #text, p{  
    color:#4545B5  
}
```

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 #4545B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4545B5
}
```

Border

The CSS property to change the border of an element to Hex 4545B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

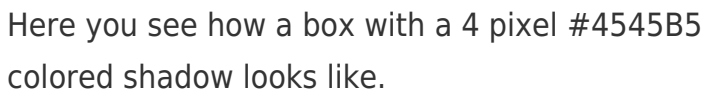
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4545B5 }
```

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

```
.border{ border-color:#4545B5 }
```

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



Here you see how a box with a 4 pixel #4545B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4545B5; -webkit-box-shadow:4px 4px  
4px 4px #4545B5; box-shadow:4px 4px 4px  
4px #4545B5 }
```

Background

The CSS property to change the background color of an element to Hex 4545B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4545B5 }
```

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

```
.background{ background-color:#4545B5 }
```

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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