

Converting Colors

Hex(465EC1)

Have a look what the booklet for
Hex(465EC1) contains.

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Color

Hex(465EC1)

Conversions

Conversions Part 1

Format	Color
Hex	465EC1
RGB	70, 94, 193
RGB Percent	27%, 37%, 76%
CMY	0.7255, 0.6314, 0.2431
CMYK	0.64, 0.51, 0.00, 0.24
HSL	228°, 50%, 52%
HSV	228°, 64%, 76%
XYZ	16.1541, 13.1578, 52.1404
YIQ	98.1100, -46.0830, 25.7010

Conversions

Conversions Part 2

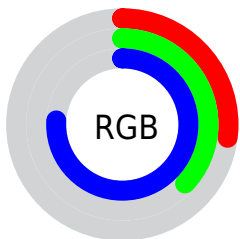
Format	Color
R_{YB}	70, 90, 193
Decimal	4611777
CIE _{Lab}	43.00, 22.65, -54.75
CIE _{LCh}	43, 59.248, 292.476
Yxy	13.1578, 0.1983, 0.1615
Android (android.graphics.Color)	4282801857 (0xFF465EC1)
YUV	98.1100, 46.7808, -24.6525
Hunter-Lab	36.2736, 16.0145, -59.8330

Details

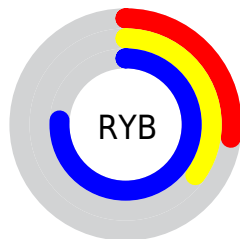
The Hex color **465EC1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C1A946**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8290FA**, and **00318B** is the 20% darker color. If you saturate the color by 10%, you get **334EC1**, and if you desaturate by 10%, it is **596EC1**.

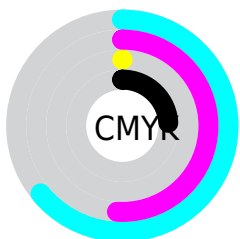
Distribution



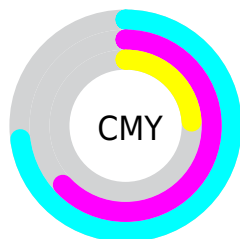
- Red (27%)
- Green (37%)
- Blue (76%)



- Red (27%)
- Yellow (35%)
- Blue (76%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (24%)



- Cyan (73%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465EC1 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 465EC1 by changing the saturation by 10% instead.

■ 465EC1

■ 465EC1

FFFFFF

■ 2247A5

■ 8290FA

■ 00318B

■ 9FAAFF

■ 001D70

■ BCC6FF

■ 000557

■ DAE2FF

■ 00063F

■ F7FEFF

■ 000328

■ 000112

■ 000000

■ 465EC1

■ 465EC1

■ 334EC1

■ 596EC1

■ 1F3FC1

■ 6D7DC1

■ 0C2FC1

■ 808DC1

■ 0026C1

■ 939CC1

■ A7ACC1

■ BABBC1

■ CDCBC1

■ E0DAC1

■ F4EAC1

Harmonies

Analogous

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



006FC7



465EC1



9445A2

Triad

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



465EC1



A84914



007B57

Complementary

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



465EC1



C1A946

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.



007624



465EC1



855F00

Square

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



465EC1



BA3243



586E00



007B8A

Rectangle

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



465EC1



AE3584



586E00



007A46

Sweetspot

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



465EC1



CAD4FA



46C1A8



60667D



FCFCFC



7D7D7D

Same Dimension

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



465EC1



3C61FA



6B46C1



575961



001FA1



000621

Inverse Universe

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



C1465E



FA3C61



9CC146



615759



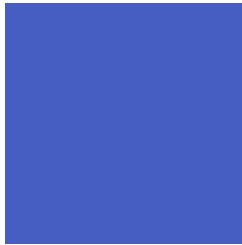
A1001F



210006

Previews

White Background



This preview shows how the Hex color 465EC1 looks on a white background.

Color Contrast Check

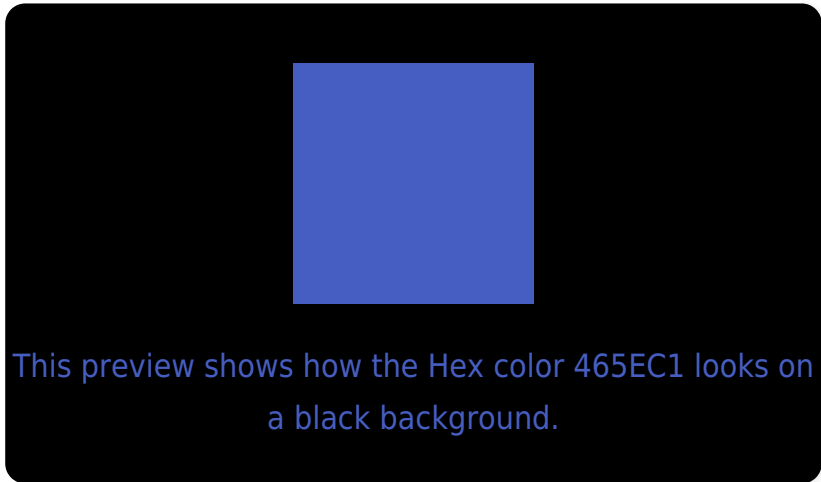
Large Text (above 18pt) WCAG AA ✓ Pass

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

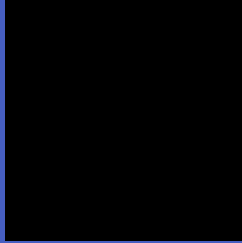
Any Text WCAG AA × Fail

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 465EC1 Background



This preview shows how black text looks on a background with the Hex color 465EC1.



This preview shows how white text looks on a background with the Hex color 465EC1.

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](#).

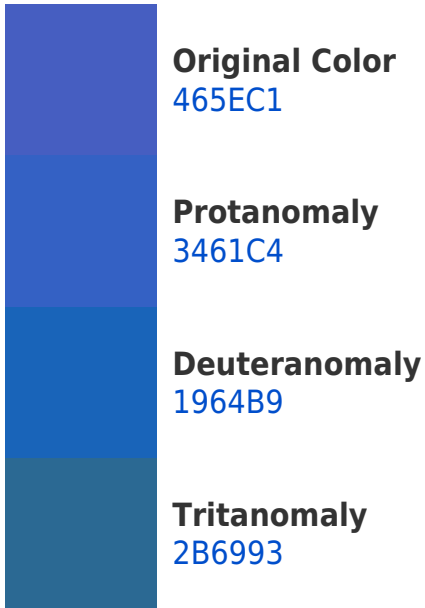
Dichromacy





Tritanopia
1B7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 465EC1 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 #465EC1 looks like.

```
.text, #text, p{  
    color:#465EC1  
}
```

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 #465EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465EC1
}
```

Border

The CSS property to change the border of an element to Hex 465EC1 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".

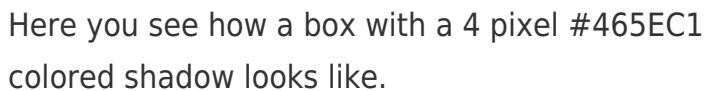
```
.border, #border, table{ border:4px solid
#465EC1 }
```

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

```
.border{ border-color:#465EC1 }
```

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

Here you see how a box with a 4 pixel #465EC1 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 #465EC1; -webkit-box-shadow:4px 4px  
4px 4px #465EC1; box-shadow:4px 4px 4px  
4px #465EC1 }
```

Background

The CSS property to change the background color of an element to Hex 465EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465EC1 }
```

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

```
.background{ background-color:#465EC1 }
```

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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