

Converting Colors

Hex(465CB9)

Have a look what the booklet for
Hex(465CB9) contains.

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Color

Hex(465CB9)

Conversions

Conversions Part 1

Format	Color
Hex	465CB9
RGB	70, 92, 185
RGB Percent	27%, 36%, 73%
CMY	0.7255, 0.6392, 0.2745
CMYK	0.62, 0.50, 0.00, 0.27
HSL	229°, 45%, 50%
HSV	229°, 62%, 73%
XYZ	15.1099, 12.4592, 47.5074
YIQ	96.0240, -42.9650, 24.2590

Conversions

Conversions Part 2

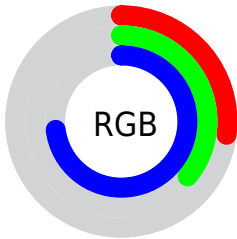
Format	Color
R_{YB}	70, 88, 185
Decimal	4611257
CIE _{Lab}	41.94, 21.13, -51.80
CIE _{LCh}	42, 55.946, 292.193
Yxy	12.4592, 0.2013, 0.1660
Android (android.graphics.Color)	4282801337 (0xFF465CB9)
YUV	96.0240, 43.8652, -22.8230
Hunter-Lab	35.2975, 14.6401, -55.0909

Details

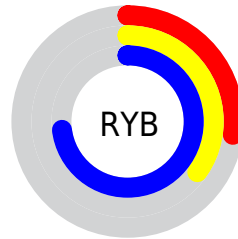
The Hex color **465CB9** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B9A346**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **808EF2**, and **002F83** is the 20% darker color. If you saturate the color by 10%, you get **344DB9**, and if you desaturate by 10%, it is **596BB9**.

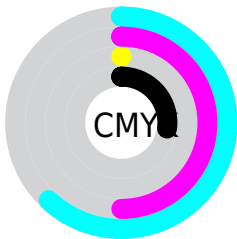
Distribution



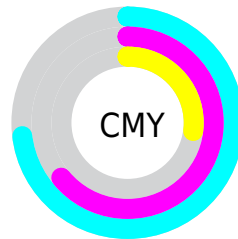
- Red (27%)
- Green (36%)
- Blue (73%)



- Red (27%)
- Yellow (35%)
- Blue (73%)



- Cyan (62%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465CB9 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 465CB9 by changing the saturation by 10% instead.

 465CB9

 465CB9

FFFFFF

 24459E

 808EF2

 002F83

 9DA8FF

 001B69

 BAC3FF

 000151

 D7DFFF

 000539

 F5FCFF

 000222

 000008

 000000

 465CB9

 465CB9

■ 344DB9

■ 596BB9

■ 213EB9

■ 6B7AB9

■ 0E2FB9

■ 7E89B9

■ 0023B9

■ 9098B9

■ A3A7B9

■ B5B6B9

■ C8C5B9

■ DAD4B9

■ EDE3B9

Harmonies

Analogous

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



006CBF



465CB9



8E459C

Triad

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



465CB9



A24918



007755

Complementary

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



465CB9



B9A346

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.



0B7325



465CB9



825D00

Square

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



465CB9



B33443



576B00



007885

Rectangle

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



465CB9



A73780



576B00



007645

Sweetspot

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



465CB9



C2CBF0



46B9A2



5C6278



F7F7F7



787878

Same Dimension

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



465CB9



3C5EF0



6846B9



53545C



001E9C



00051C

Inverse Universe

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



B9465C



F03C5E



97B946



5C5354



9C001E



1C0005

Previews

White Background



This preview shows how the Hex color 465CB9 looks on a white background.

Color Contrast Check

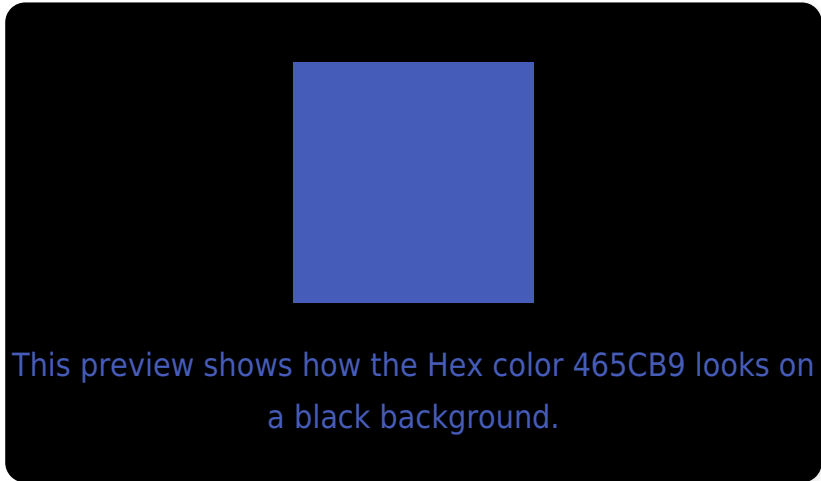
Large Text (above 18pt) WCAG AA ✓ Pass

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

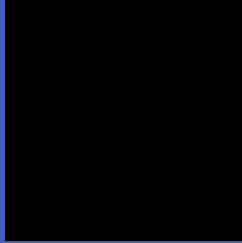
Any Text WCAG AA × Fail

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 465CB9 Background



This preview shows how black text looks on a background with the Hex color 465CB9.



This preview shows how white text looks on a background with the Hex color 465CB9.

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](#).

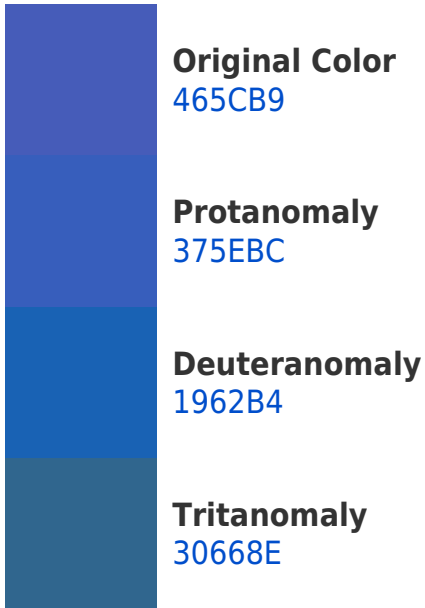
Dichromacy



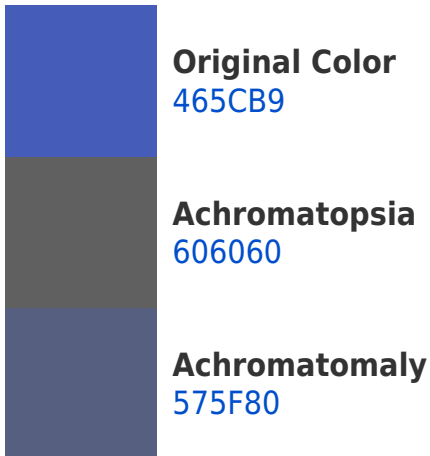


Tritanopia
236C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 465CB9 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 #465CB9 looks like.

```
.text, #text, p{  
    color:#465CB9  
}
```

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 #465CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465CB9
}
```

Border

The CSS property to change the border of an element to Hex 465CB9 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
#465CB9 }
```

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

```
.border{ border-color:#465CB9 }
```

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

Here you see how a box with a 4 pixel #465CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465CB9; -webkit-box-shadow:4px 4px  
4px 4px #465CB9; box-shadow:4px 4px 4px  
4px #465CB9 }
```

Background

The CSS property to change the background color of an element to Hex 465CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465CB9 }
```

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

```
.background{ background-color:#465CB9 }
```

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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