

Converting Colors

Hex(464AA9)

Have a look what the booklet for
Hex(464AA9) contains.

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Color

Hex(464AA9)

Conversions

Conversions Part 1

Format	Color
Hex	464AA9
RGB	70, 74, 169
RGB Percent	27%, 29%, 66%
CMY	0.7255, 0.7098, 0.3373
CMYK	0.59, 0.56, 0.00, 0.34
HSL	238°, 41%, 47%
HSV	238°, 59%, 66%
XYZ	12.1360, 9.0642, 38.6460
YIQ	83.6340, -32.8790, 28.6970

Conversions

Conversions Part 2

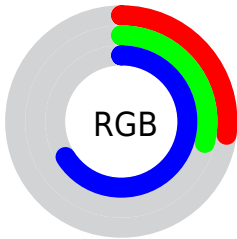
Format	Color
R _Y B	70, 74, 169
Decimal	4606633
CIE Lab	36.11, 27.17, -51.76
CIE LCh	36, 58.464, 297.698
Yxy	9.0642, 0.2028, 0.1515
Android (android.graphics.Color)	4282796713 (0xFF464AA9)
YUV	83.6340, 42.0854, -11.9570
Hunter-Lab	30.1068, 19.2659, -55.0316

Details

The Hex color **464AA9** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A9A546**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7F7BE1**, and **001E74** is the 20% darker color. If you saturate the color by 10%, you get **353AA9**, and if you desaturate by 10%, it is **575AA9**.

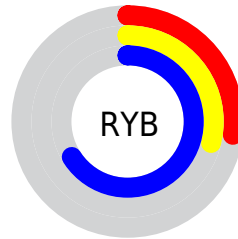
Distribution



Red (27%)

Green (29%)

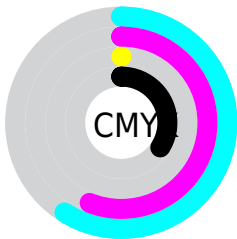
Blue (66%)



Red (27%)

Yellow (29%)

Blue (66%)

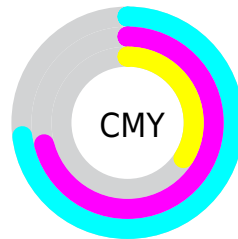


Cyan (59%)

Magenta (56%)

Yellow (0%)

Black (34%)



Cyan (73%)

Magenta (71%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464AA9 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 464AA9 by changing the saturation by 10% instead.

■ 464AA9

■ 464AA9

FFFFFF

■ 27338E

■ 7F7BE1

■ 001E74

■ 9B94FE

■ 000B5B

■ B8AFFF

■ 000042

■ D5CBFF

■ 00032B

■ F2E7FF

■ 000116

■ 000000

■ 464AA9

■ 464AA9

■ 353AA9

■ 575AA9

■ 242AA9

■ 686AA9

■ 1319A9

■ 797BA9

■ 0209A9

■ 8A8BA9

■ 0007A9

■ 9A9BA9

■ ABABA9

■ BCBCA9

■ CDCCA9

■ DEDCA9

Harmonies

Analogous

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



005CB4



464AA9



882F88

Triad

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



464AA9



8E3D00



006950

Complementary

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



464AA9



A9A546

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.



00661E



464AA9



6B5200

Square

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



464AA9



A3222D



3D5F00



006980

Rectangle

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



464AA9



9D1C6A



3D5F00



00683F

Sweetspot

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



464AA9



B4B5DB



46A9A4



56576E



EDEDED



6E6E6E

Same Dimension

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



464AA9



4248DB



7346A9



4C4C54



000694



000114

Inverse Universe

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



A9464A



DB4248



7CA946



544C4C



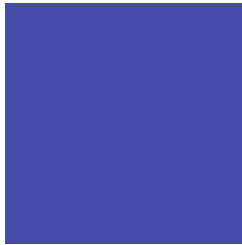
940006



140001

Previews

White Background



This preview shows how the Hex color 464AA9 looks on a white background.

Color Contrast Check

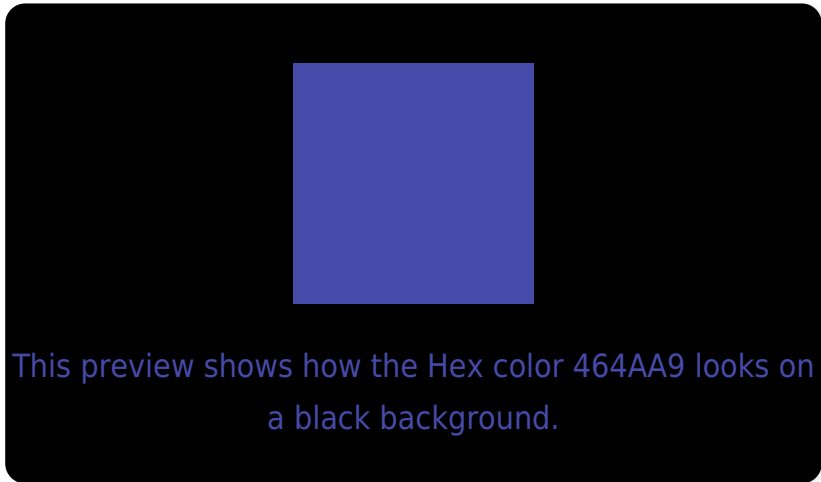
Large Text (above 18pt) WCAG AA ✓ Pass

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

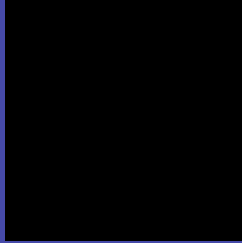
Any Text WCAG AA × Fail

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 464AA9 Background



This preview shows how black text looks on a background with the Hex color 464AA9.

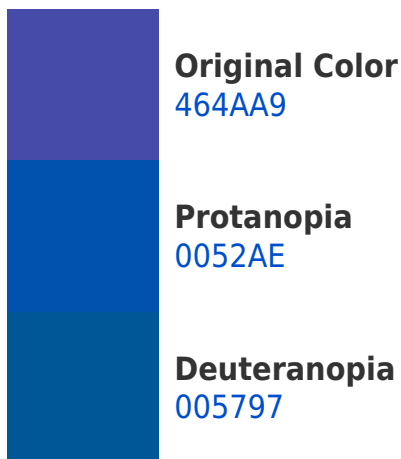



This preview shows how white text looks on a background with the Hex color 464AA9.

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](#).

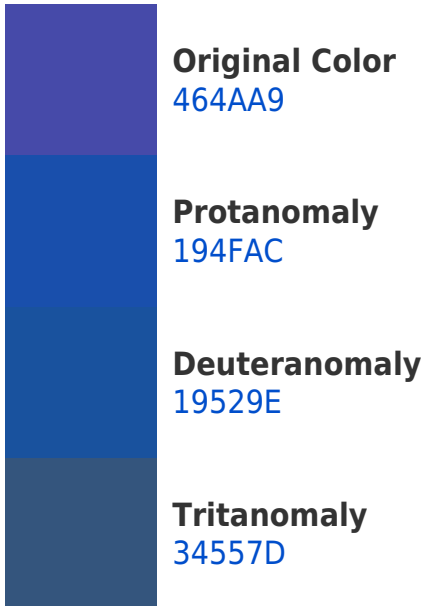
Dichromacy





Tritanopia
295C64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 464AA9 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 #464AA9 looks like.

```
.text, #text, p{  
    color:#464AA9  
}
```

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 #464AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464AA9
}
```

Border

The CSS property to change the border of an element to Hex 464AA9 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
#464AA9 }
```

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

```
.border{ border-color:#464AA9 }
```

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

Here you see how a box with a 4 pixel #464AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464AA9; -webkit-box-shadow:4px 4px  
4px 4px #464AA9; box-shadow:4px 4px 4px  
4px #464AA9 }
```

Background

The CSS property to change the background color of an element to Hex 464AA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464AA9 }
```

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

```
.background{ background-color:#464AA9 }
```

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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