

Converting Colors

Hex(4461AB)

Have a look what the booklet for
Hex(4461AB) contains.

Hex(4461AB)	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(4461AB)

Conversions

Conversions Part 1

Format	Color
Hex	4461AB
RGB	68, 97, 171
RGB Percent	27%, 38%, 67%
CMY	0.7333, 0.6196, 0.3294
CMYK	0.60, 0.43, 0.00, 0.33
HSL	223°, 43%, 47%
HSV	223°, 60%, 67%
XYZ	14.0093, 12.7186, 40.2446
YIQ	96.7650, -41.0380, 16.8660

Conversions

Conversions Part 2

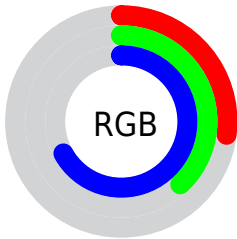
Format	Color
R _Y B	68, 91, 171
Decimal	4481451
CIE Lab	42.34, 12.67, -42.95
CIE LCh	42, 44.781, 286.432
Yxy	12.7186, 0.2092, 0.1899
Android (android.graphics.Color)	4282671531 (0xFF4461AB)
YUV	96.7650, 36.5979, -25.2269
Hunter-Lab	35.6632, 7.7082, -41.9425

Details

The Hex color **4461AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB8E44**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7C93E3**, and **003376** is the 20% darker color. If you saturate the color by 10%, you get **3355AB**, and if you desaturate by 10%, it is **556DAB**.

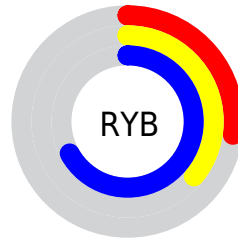
Distribution



Red (27%)

Green (38%)

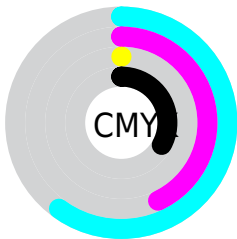
Blue (67%)



Red (27%)

Yellow (36%)

Blue (67%)

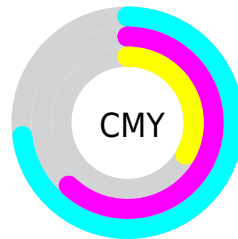


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (33%)



Cyan (73%)

Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4461AB 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 4461AB by changing the saturation by 10% instead.

■ 4461AB

■ 4461AB

FFFFFF

■ 254A90

■ 7C93E3

■ 003376

■ 99AEFF

■ 001F5D

■ B5C9FF

■ 000645

■ D2E5FF

■ 00042E

■ EFFFFFF

■ 000118

■ 000000

■ 4461AB

■ 4461AB

■ 3355AB

■ 556DAB

■ 2248AB

■ 667AAB

■ 113CAB

■ 7786AB

■ 0030AB

■ 8892AB

■ 999EAB

■ ABABAB

■ BCB7AB

■ CDC3AB

■ DED0AB

Harmonies

Analogous

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



006DAC



4461AB



805197

Triad

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



4461AB



9D4D30



007551

Complementary

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



4461AB



AB8E44

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.



39702E



4461AB



855C17

Square

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



4461AB



A74251



646815



007678

Rectangle

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



4461AB



974782



646815



007445

Sweetspot

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



4461AB



B6C1DE



44AB8E



585E70



F0F0F0



707070

Same Dimension

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



4461AB



3E6BDE



5A44AB



4E5057



002A96



000617

Inverse Universe

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



AB4461



DE3E6B



95AB44



574E50



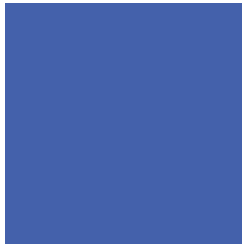
96002A



170006

Previews

White Background



This preview shows how the Hex color 4461AB looks on a white background.

Color Contrast Check

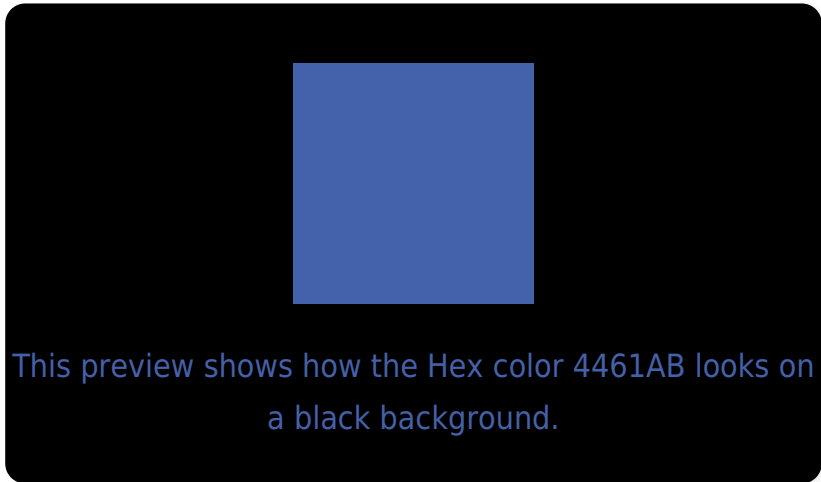
Large Text (above 18pt) WCAG AA ✓ Pass

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

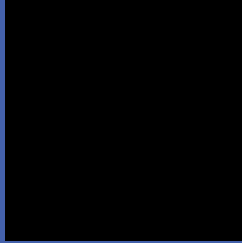
Any Text WCAG AA × Fail

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 4461AB Background



This preview shows how black text looks on a background with the Hex color 4461AB.



This preview shows how white text looks on a background with the Hex color 4461AB.

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
4461AB

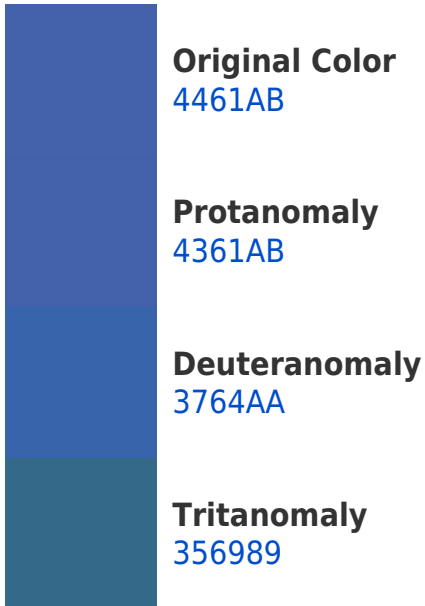
Protanopia
4361AB

Deuteranopia
2F65AA

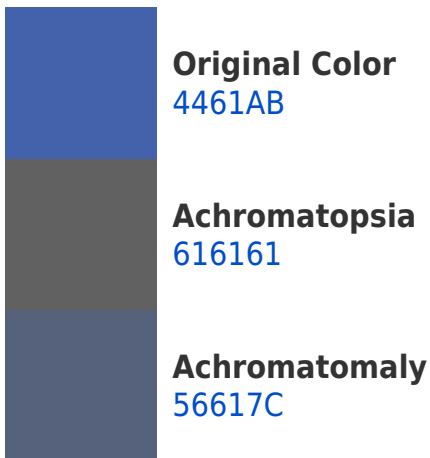


Tritanopia
2C6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4461AB 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 #4461AB looks like.

```
.text, #text, p{  
    color:#4461AB  
}
```

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 #4461AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4461AB
}
```

Border

The CSS property to change the border of an element to Hex 4461AB 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
#4461AB }
```

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

```
.border{ border-color:#4461AB }
```

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

Here you see how a box with a 4 pixel #4461AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4461AB; -webkit-box-shadow:4px 4px  
4px 4px #4461AB; box-shadow:4px 4px 4px  
4px #4461AB }
```

Background

The CSS property to change the background color of an element to Hex 4461AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4461AB }
```

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

```
.background{ background-color:#4461AB }
```

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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