

Converting Colors

Hex(4168AC)

Have a look what the booklet for
Hex(4168AC) contains.

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Color

Hex(4168AC)

Conversions

Conversions Part 1

Format	Color
Hex	4168AC
RGB	65, 104, 172
RGB Percent	25%, 41%, 67%
CMY	0.7451, 0.5922, 0.3255
CMYK	0.62, 0.40, 0.00, 0.33
HSL	218°, 45%, 46%
HSV	218°, 62%, 67%
XYZ	14.5767, 14.0030, 40.9643
YIQ	100.0910, -45.0720, 12.8800

Conversions

Conversions Part 2

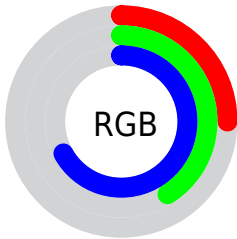
Format	Color
R _{YB}	65, 94, 172
Decimal	4286636
CIE Lab	44.24, 7.99, -40.52
CIE LCh	44, 41.305, 281.156
Yxy	14.0030, 0.2096, 0.2014
Android (android.graphics.Color)	4282476716 (0xFF4168AC)
YUV	100.0910, 35.4511, -30.7748
Hunter-Lab	37.4206, 4.0462, -38.7103

Details

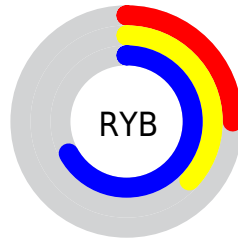
The Hex color **4168AC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AC8541**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7A9BE4**, and **003A77** is the 20% darker color. If you saturate the color by 10%, you get **305DAC**, and if you desaturate by 10%, it is **5273AC**.

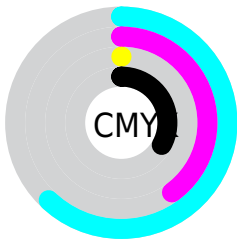
Distribution



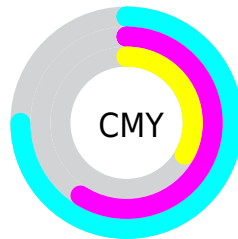
- Red (25%)
- Green (41%)
- Blue (67%)



- Red (25%)
- Yellow (37%)
- Blue (67%)



- Cyan (62%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (75%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4168AC 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 4168AC by changing the saturation by 10% instead.

■ 4168AC

■ 4168AC

FFFFFF

■ 205091

■ 7A9BE4

■ 003A77

■ 96B5FF

■ 00255E

■ B3D1FF

■ 001046

■ D0EDFF

■ 00042F

■ EDFFFF

■ 000119

■ 000000

■ 4168AC

■ 4168AC

■ 305DAC

■ 5273AC

■ 1F52AC

■ 637EAC

■ 0D47AC

■ 7589AC

■ 003FAC

■ 8694AC

■ 979FAC

■ A8AAAC

■ B9B5AC

■ CBBFAC

■ DCCAAC

Harmonies

Analogous

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



0072A9



4168AC



7B5A9D

Triad

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



4168AC



A2523D



007851

Complementary

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



4168AC



AC8541

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.



4A7332



4168AC



8D5F26

Square

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



4168AC



A84A5D



6F6B20



007A75

Rectangle

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



4168AC



93518A



6F6B20



267746

Sweetspot

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



4168AC



B6C5E0



41AC85



566070



F0F0F0



707070

Same Dimension

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



4168AC



3875E0



4F41AC



4E5157



003796



000817

Inverse Universe

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



AC4168



E03875



9EAC41



574E51



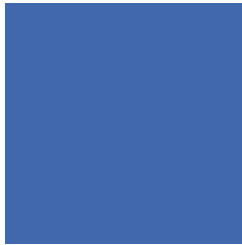
960037



170008

Previews

White Background



This preview shows how the Hex color 4168AC looks on a white background.

Color Contrast Check

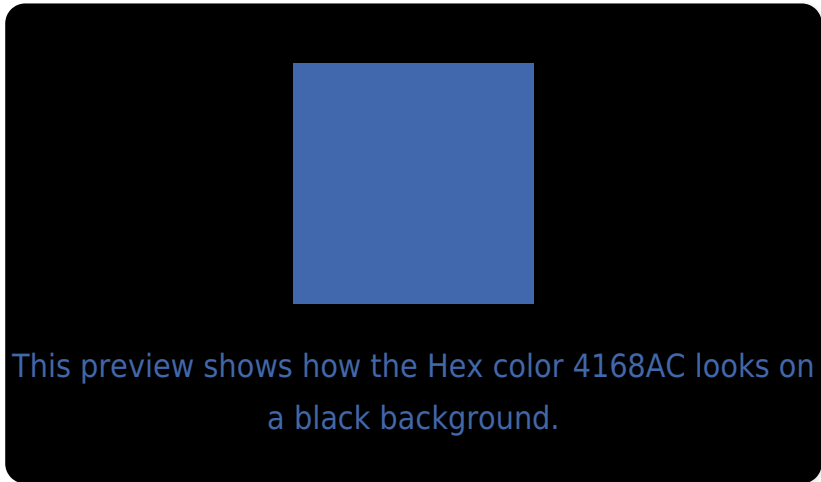
Large Text (above 18pt) WCAG AA ✓ Pass

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

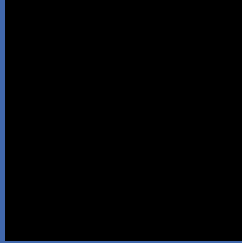
Any Text WCAG AA × Fail

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 4168AC Background



This preview shows how black text looks on a background with the Hex color 4168AC.



This preview shows how white text looks on a background with the Hex color 4168AC.

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
4168AC

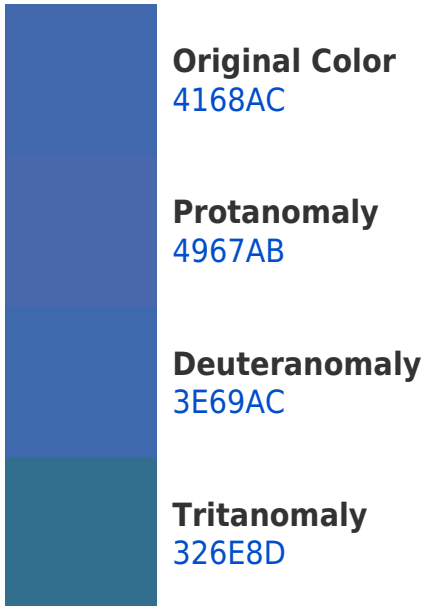
Protanopia
4D66AA

Deuteranopia
3D69AC



Tritanopia
29727C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4168AC 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 #4168AC looks like.

```
.text, #text, p{  
    color:#4168AC  
}
```

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 #4168AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4168AC
}
```

Border

The CSS property to change the border of an element to Hex 4168AC 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".

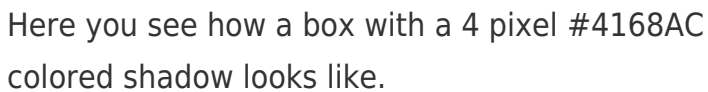
```
.border, #border, table{ border:4px solid
#4168AC }
```

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

```
.border{ border-color:#4168AC }
```

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

Here you see how a box with a 4 pixel #4168AC 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 #4168AC; -webkit-box-shadow:4px 4px  
4px 4px #4168AC; box-shadow:4px 4px 4px  
4px #4168AC }
```

Background

The CSS property to change the background color of an element to Hex 4168AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4168AC }
```

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

```
.background{ background-color:#4168AC }
```

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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