

Converting Colors

Hex(4128B6)

Have a look what the booklet for
Hex(4128B6) contains.

Hex(4128B6)	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(4128B6)

Conversions

Conversions Part 1

Format	Color
Hex	4128B6
RGB	65, 40, 182
RGB Percent	25%, 16%, 71%
CMY	0.7451, 0.8431, 0.2863
CMYK	0.64, 0.78, 0.00, 0.29
HSL	251°, 64%, 44%
HSV	251°, 78%, 71%
XYZ	11.3823, 6.0188, 44.8178
YIQ	63.6630, -30.6820, 49.4620

Conversions

Conversions Part 2

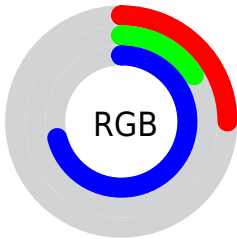
Format	Color
R _{YB}	65, 40, 182
Decimal	4270262
CIE _{Lab}	29.46, 50.50, -70.39
CIE _{LCh}	29, 86.638, 305.658
Y _{xy}	6.0188, 0.1829, 0.0967
Android (android.graphics.Color)	4282460342 (0xFF4128B6)
Y _{UV}	63.6630, 58.3401, 1.1725
Hunter-Lab	24.5332, 39.8824, -91.1388

Details

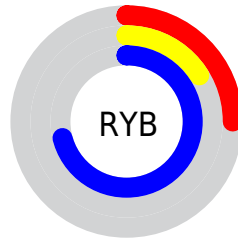
The Hex color **4128B6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **9DB628**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7F59EF**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **3216B6**, and if you desaturate by 10%, it is **503AB6**.

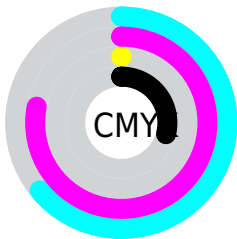
Distribution



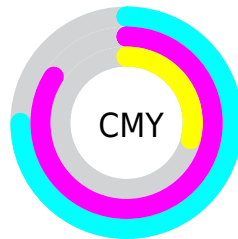
- Red (25%)
- Green (16%)
- Blue (71%)



- Red (25%)
- Yellow (16%)
- Blue (71%)



- Cyan (64%)
- Magenta (78%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (84%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4128B6 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 4128B6 by changing the saturation by 10% instead.

 4128B6

 4128B6

FFFFFF

 180E9A

 7F59EF

 000080

 9D73FF

 000066

 BB8DFF

 00064C

 D9A8FF

 000535

 F7C4FF

 00021F

 FFE0FF

 000001

 FFFDFF

 000000

 4128B6

 4128B6

■ 3216B6

■ 503AB6

■ 2304B6

■ 5F4CB6

■ 2000B6

■ 6E5FB6

■ 7D71B6

■ 8C83B6

■ 9B95B6

■ AAA7B6

■ B9BAB6

■ C8CCB6

Harmonies

Analogous

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



004DD0



4128B6



99007E

Triad

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



4128B6



7F2800



005C51

Complementary

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



4128B6



9DB628

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.



005A00



4128B6



4B4800

Square

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



4128B6



A40000



005500



005D94

Rectangle

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



4128B6



AD0052



005500



005B39

Sweetspot

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



4128B6



C0B7ED



289EB6



5C5678



F7F7F7



787878

Same Dimension

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



4128B6



350EED



8728B6



54535C



1B009C



05001C

Inverse Universe

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



B6289D



ED0EC6



57B628



5C535A



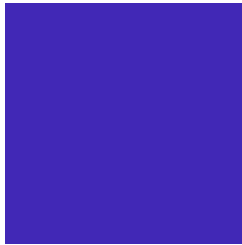
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 4128B6 looks on a white background.

Color Contrast Check

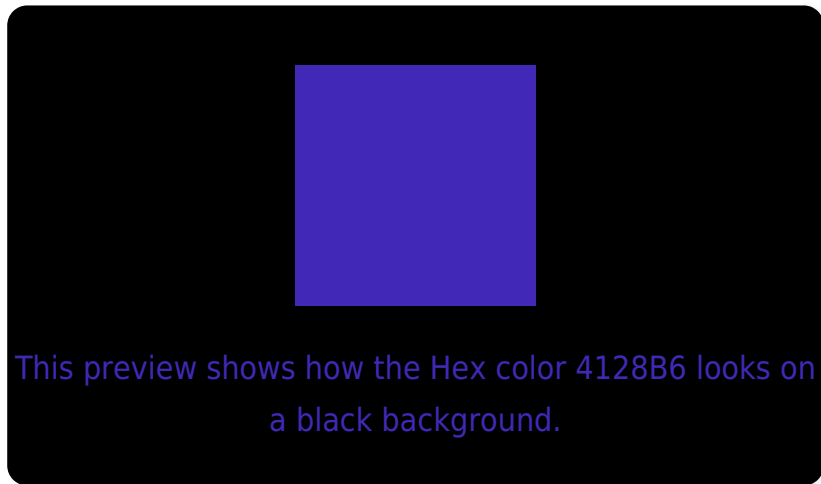
Large Text (above 18pt) WCAG AA ✓ Pass

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

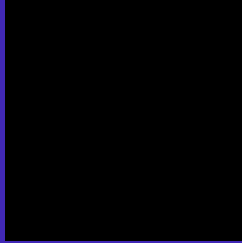
Any Text WCAG AA × Fail

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 4128B6 Background



This preview shows how black text looks on a background with the Hex color 4128B6.

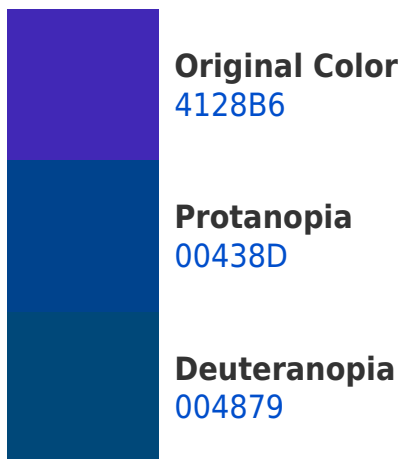


This preview shows how white text looks on a background with the Hex color 4128B6.

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
004D53

Trichromacy



Original Color
4128B6

Protanomaly
18399C

Deuteranomaly
183C8F

Tritanomaly
184077

Monochromacy



Original Color
4128B6

Achromatopsia
404040

Achromatomaly
40376B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4128B6 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 #4128B6 looks like.

```
.text, #text, p{  
    color:#4128B6  
}
```

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 #4128B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4128B6
}
```

Border

The CSS property to change the border of an element to Hex 4128B6 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".

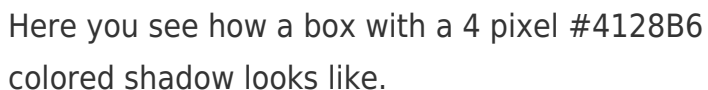
```
.border, #border, table{ border:4px solid
#4128B6 }
```

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

```
.border{ border-color:#4128B6 }
```

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

Here you see how a box with a 4 pixel #4128B6 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 #4128B6; -webkit-box-shadow:4px 4px  
4px 4px #4128B6; box-shadow:4px 4px 4px  
4px #4128B6 }
```

Background

The CSS property to change the background color of an element to Hex 4128B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4128B6 }
```

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

```
.background{ background-color:#4128B6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor