

Converting Colors

Hex(4284AB)

Have a look what the booklet for
Hex(4284AB) contains.

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Color

Hex(4284AB)

Conversions

Conversions Part 1

Format	Color
Hex	4284AB
RGB	66, 132, 171
RGB Percent	26%, 52%, 67%
CMY	0.7412, 0.4824, 0.3294
CMYK	0.61, 0.23, 0.00, 0.33
HSL	202°, 44%, 46%
HSV	202°, 61%, 67%
XYZ	17.8487, 20.6011, 41.5638
YIQ	116.7120, -51.8550, -1.8630

Conversions

Conversions Part 2

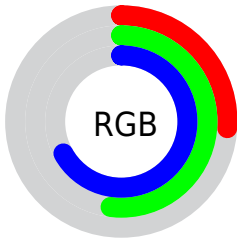
Format	Color
R _{YB}	66, 107, 171
Decimal	4359339
CIE Lab	52.51, -8.98, -26.96
CIE LCh	53, 28.417, 251.585
Yxy	20.6011, 0.2231, 0.2575
Android (android.graphics.Color)	4282549419 (0xFF4284AB)
YUV	116.7120, 26.7640, -44.4744
Hunter-Lab	45.3884, -9.2356, -22.5221

Details

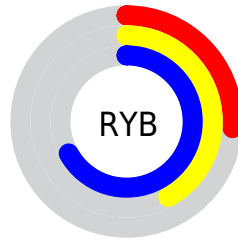
The Hex color **4284AB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB6942**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7BB9E2**, and **005377** is the 20% darker color. If you saturate the color by 10%, you get **317EAB**, and if you desaturate by 10%, it is **538AAB**.

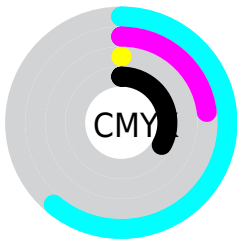
Distribution



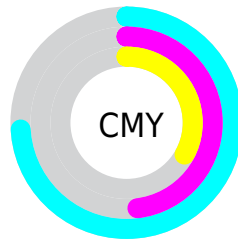
- Red (26%)
- Green (52%)
- Blue (67%)



- Red (26%)
- Yellow (42%)
- Blue (67%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4284AB 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 4284AB by changing the saturation by 10% instead.



4284AB



4284AB

FFFFFF



216B90



7BB9E2



005377



97D5FF



003C5E



B4F1FF



002646



D1FFFF



00122F



EEFFFF



00011A



000000



4284AB



4284AB



317EAB



538AAB

■ 2077AB

■ 6491AB

■ 0F71AB

■ 7597AB

■ 006BAB

■ 869DAB

■ 97A4AB

■ A9AAAB

■ BAB0AB

■ CBB7AB

■ DCBDAB

Harmonies

Analogous

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



22899D



4284AB



6A7CAD

Triad

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



4284AB



AD6B75



698558

Complementary

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



4284AB



AB6942

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.



847F4D



4284AB



A96F5E

Square

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



4284AB



A36D8D



9B774F



4B896D

Rectangle

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



4284AB



8277A7



9B774F



738353

Sweetspot

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



4284AB



B6CFDE



42AB68



586770



F0F0F0



707070

Same Dimension

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



4284AB



3AA1DE



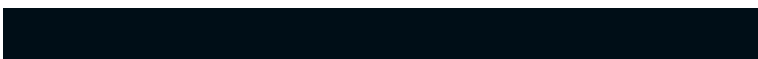
4250AB



4E5357



005F96



000E17

Inverse Universe

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



AB4284



DE3AA1



AB9D42



574E53



96005F



17000E

Previews

White Background



This preview shows how the Hex color 4284AB looks on a white background.

Color Contrast Check

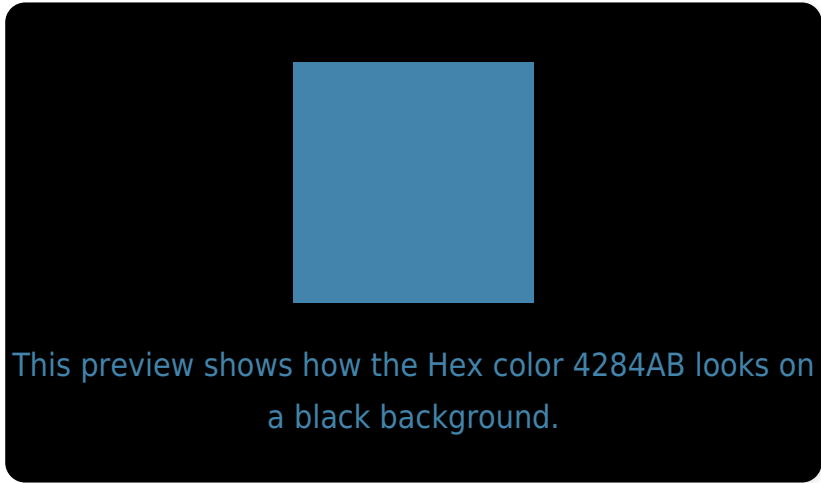
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

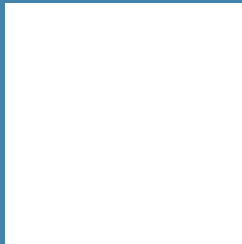
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4284AB Background



This preview shows how black text looks on a background with the Hex color 4284AB.

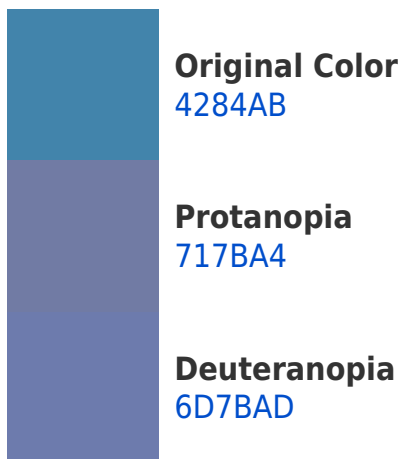


This preview shows how white text looks on a background with the Hex color 4284AB.

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](#).

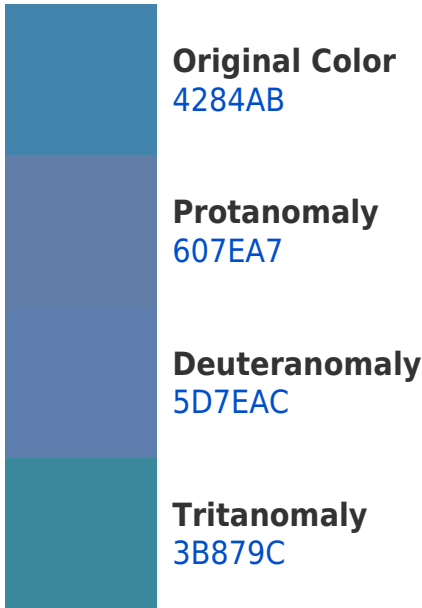
Dichromacy



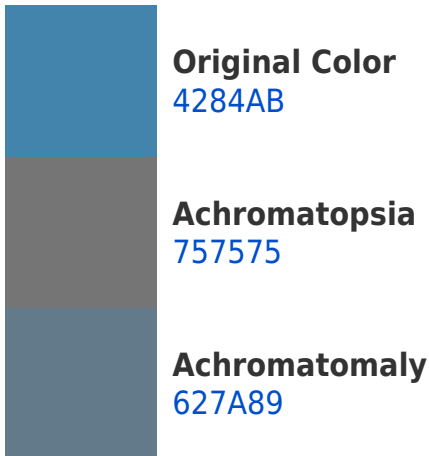


Tritanopia
378893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4284AB 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 #4284AB looks like.

```
.text, #text, p{  
    color:#4284AB  
}
```

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 #4284AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4284AB
}
```

Border

The CSS property to change the border of an element to Hex 4284AB 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
#4284AB }
```

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

```
.border{ border-color:#4284AB }
```

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

Here you see how a box with a 4 pixel #4284AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4284AB; -webkit-box-shadow:4px 4px  
4px 4px #4284AB; box-shadow:4px 4px 4px  
4px #4284AB }
```

Background

The CSS property to change the background color of an element to Hex 4284AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4284AB }
```

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

```
.background{ background-color:#4284AB }
```

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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