

Converting Colors

Hex(4248AA)

Have a look what the booklet for
Hex(4248AA) contains.

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Color

Hex(4248AA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4248AA |
| RGB | 66, 72, 170 |
| RGB Percent | 26%, 28%, 67% |
| CMY | 0.7412, 0.7176, 0.3333 |
| CMYK | 0.61, 0.58, 0.00, 0.33 |
| HSL | 237°, 44%, 46% |
| HSV | 237°, 61%, 67% |
| XYZ | 11.8198, 8.6953, 39.0856 |
| YIQ | 81.3780, -35.0340, 29.2060 |

Conversions

Conversions Part 2

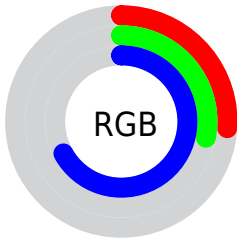
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 66, 72, 170 |
| Decimal | 4343978 |
| CIE _{Lab} | 35.39, 28.06, -53.53 |
| CIE _{LCh} | 35, 60.442, 297.660 |
| Yxy | 8.6953, 0.1983, 0.1459 |
| Android (android.graphics.Color) | 4282534058 (0xFF4248AA) |
| YUV | 81.3780, 43.6906, -13.4865 |
| Hunter-Lab | 29.4877, 19.9462, -57.9467 |

Details

The Hex color **4248AA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AAA442**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7C78E2**, and **001D75** is the 20% darker color. If you saturate the color by 10%, you get **3138AA**, and if you desaturate by 10%, it is **5358AA**.

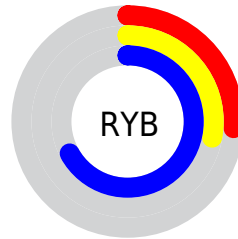
Distribution



Red (26%)

Green (28%)

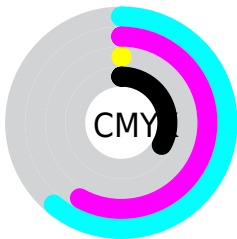
Blue (67%)



Red (26%)

Yellow (28%)

Blue (67%)

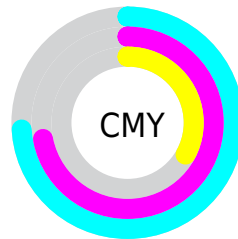


Cyan (61%)

Magenta (58%)

Yellow (0%)

Black (33%)



Cyan (74%)

Magenta (72%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4248AA 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 4248AA by changing the saturation by 10% instead.

■ 4248AA

■ 4248AA

FFFFFF

■ 20328F

■ 7C78E2

■ 001D75

■ 9892FF

■ 00085C

■ B5ADFF

■ 000143

■ D2C8FF

■ 00032C

■ F0E4FF

■ 000116

■ 000000

■ 4248AA

■ 4248AA

■ 3138AA

■ 5358AA

■ 2028AA

■ 6468AA

■ 0F18AA

■ 7578AA

■ 000AAA

■ 8688AA

■ 9798AA

■ A8A8AA

■ B9B8AA

■ CAC8AA

■ DBD8AA

Harmonies

Analogous

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



005BB5



4248AA



882B88

Triad

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



4248AA



8D3A00



00674E

Complementary

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



4248AA



AAA442

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.



006419



4248AA



6A5000

Square

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



4248AA



A31B2A



3A5D00



00687F

Rectangle

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



4248AA



9D1369



3A5D00



00663D

Sweetspot

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



4248AA



B6B8DE



42AAA3



585970



F0F0F0



707070

Same Dimension

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



4248AA



3C45DE



6F42AA



4C4C54



000994



000114

Inverse Universe

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



AA4248



DE3C45



7DAA42



544C4C



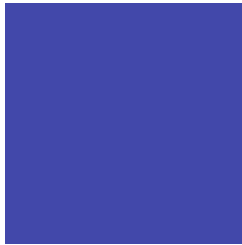
940009



140001

Previews

White Background



This preview shows how the Hex color 4248AA looks on a white background.

Color Contrast Check

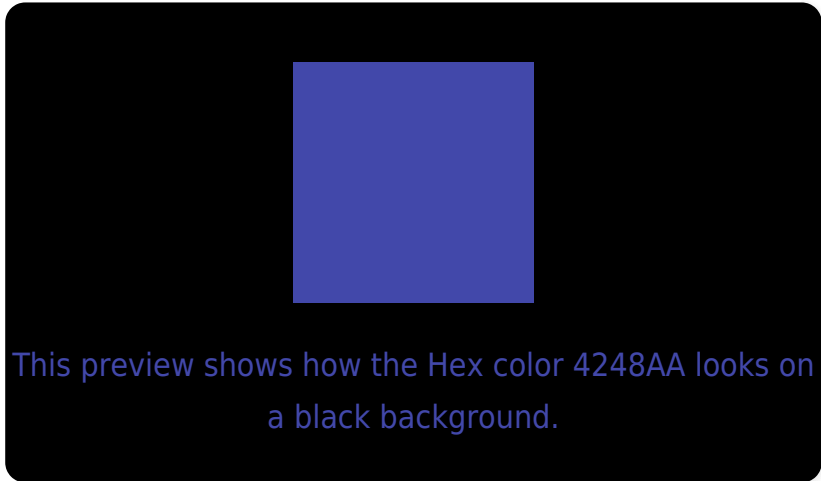
Large Text (above 18pt) WCAG AA ✓ Pass

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

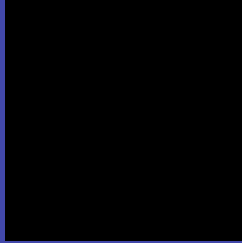
Any Text WCAG AA × Fail

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 4248AA Background



This preview shows how black text looks on a background with the Hex color 4248AA.

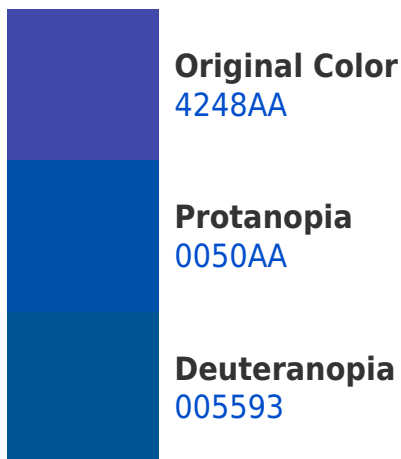


This preview shows how white text looks on a background with the Hex color 4248AA.

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](#).

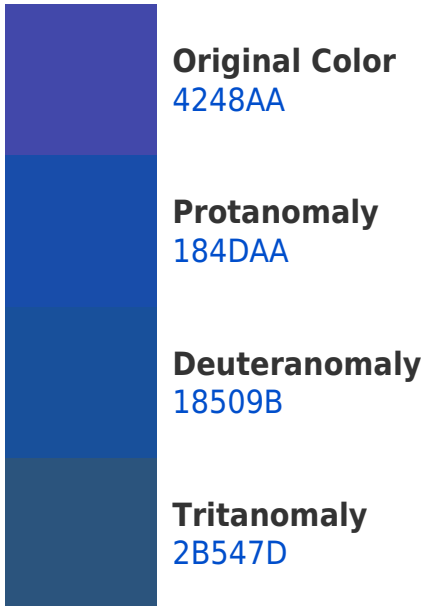
Dichromacy



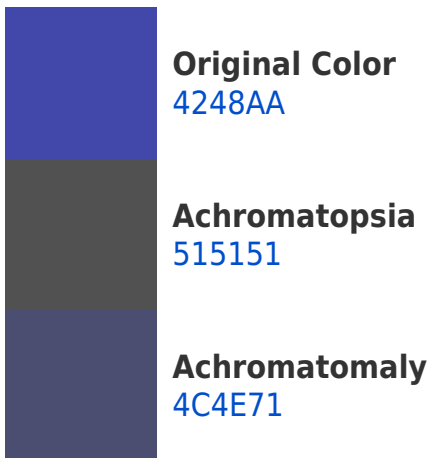


Tritanopia
1E5B63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4248AA 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 #4248AA looks like.

```
.text, #text, p{  
    color:#4248AA  
}
```

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 #4248AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4248AA  
}
```

Border

The CSS property to change the border of an element to Hex 4248AA 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  
#4248AA }
```

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

```
.border{ border-color:#4248AA }
```

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

Here you see how a box with a 4 pixel #4248AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4248AA; -webkit-box-shadow:4px 4px  
4px 4px #4248AA; box-shadow:4px 4px 4px  
4px #4248AA }
```

Background

The CSS property to change the background color of an element to Hex 4248AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4248AA }
```

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

```
.background{ background-color:#4248AA }
```

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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