

Converting Colors

Hex(5243A8)

Have a look what the booklet for
Hex(5243A8) contains.

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Color

Hex(5243A8)

Conversions

Conversions Part 1

Format	Color
Hex	5243A8
RGB	82, 67, 168
RGB Percent	32%, 26%, 66%
CMY	0.6784, 0.7373, 0.3412
CMYK	0.51, 0.60, 0.00, 0.34
HSL	249°, 43%, 46%
HSV	249°, 60%, 66%
XYZ	12.5547, 8.6353, 38.0509
YIQ	82.9990, -23.4810, 34.5910

Conversions

Conversions Part 2

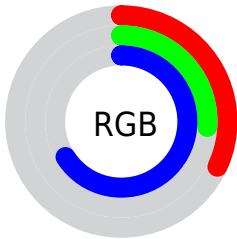
Format	Color
R_{YB}	82, 67, 168
Decimal	5391272
CIE _{Lab}	35.27, 33.64, -52.47
CIE _{LCh}	35, 62.330, 302.662
Yxy	8.6353, 0.2119, 0.1458
Android (android.graphics.Color)	4283581352 (0xFF5243A8)
YUV	82.9990, 41.9055, -0.8761
Hunter-Lab	29.3859, 24.8364, -56.2027

Details

The Hex color **5243A8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **99A843**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8A74E0**, and **121773** is the 20% darker color. If you saturate the color by 10%, you get **4432A8**, and if you desaturate by 10%, it is **6054A8**.

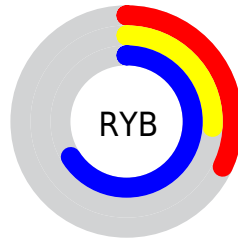
Distribution



Red (32%)

Green (26%)

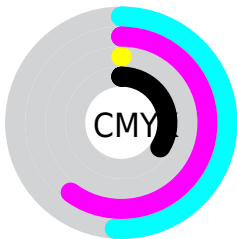
Blue (66%)



Red (32%)

Yellow (26%)

Blue (66%)

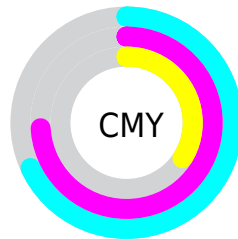


Cyan (51%)

Magenta (60%)

Yellow (0%)

Black (34%)



Cyan (68%)

Magenta (74%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5243A8 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 5243A8 by changing the saturation by 10% instead.

■ 5243A8

■ 5243A8

FFFFFF

■ 352C8D

■ 8A74E0

■ 121773

■ A68EFD

■ 00015A

■ C3A8FF

■ 000042

■ E0C3FF

■ 00032A

■ FDE0FF

■ 000115

■ FFFCFF

■ 000000

■ 5243A8

■ 5243A8

■ 4432A8

■ 6054A8

■ 3521A8

■ 6F65A8

■ 2711A8

■ 7D75A8

■ 1900A8

■ 8B86A8

■ 9A97A8

■ A8A8A8

■ B6B9A8

■ C4C9A8

■ D3DAA8

Harmonies

Analogous

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



0058B8



5243A8



902182

Triad

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



5243A8



893E00



006756

Complementary

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



5243A8



99A843

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.



006521



5243A8



625300

Square

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



5243A8



A21D20



2D5F00



006788

Rectangle

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



5243A8



A30161



2D5F00



006745

Sweetspot

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



5243A8



BAB4DB



439BA8



59566E



EDEDED



6E6E6E

Same Dimension

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



5243A8



553DDB



8343A8



4D4C54



160094



030014

Inverse Universe

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



A84399



DB3DC4



68A843



544C53



94007E



140011

Previews

White Background



This preview shows how the Hex color 5243A8 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

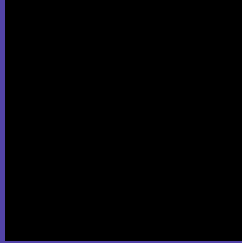
Any Text WCAG AA × Fail

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 5243A8 Background



This preview shows how black text looks on a background with the Hex color 5243A8.

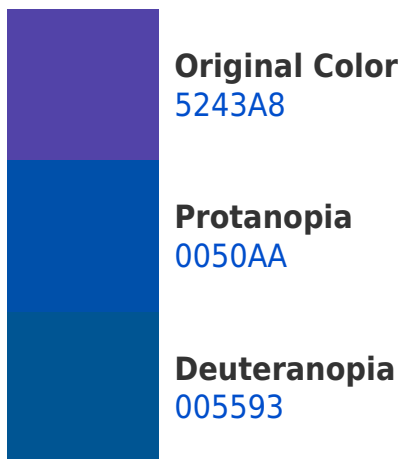



This preview shows how white text looks on a background with the Hex color 5243A8.

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](#).

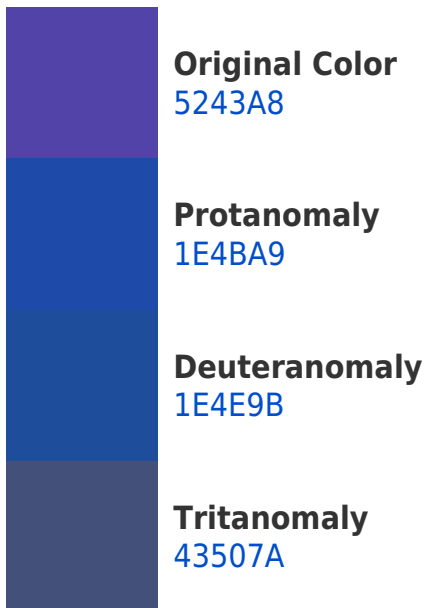
Dichromacy



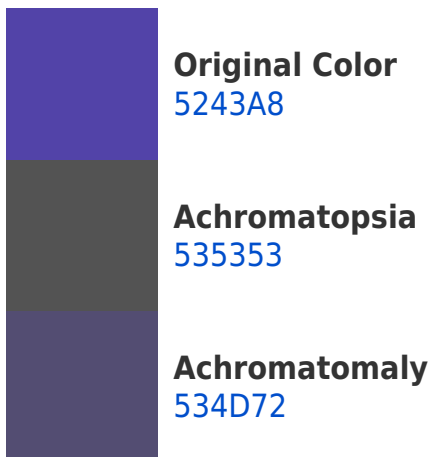


Tritanopia
3B575F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5243A8 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 #5243A8 looks like.

```
.text, #text, p{  
    color:#5243A8  
}
```

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 #5243A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5243A8
}
```

Border

The CSS property to change the border of an element to Hex 5243A8 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".

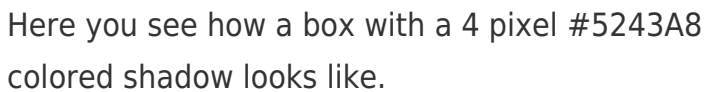
```
.border, #border, table{ border:4px solid
#5243A8 }
```

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

```
.border{ border-color:#5243A8 }
```

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

Here you see how a box with a 4 pixel #5243A8 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #5243A8 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5243A8; -webkit-box-shadow:4px 4px  
4px 4px #5243A8; box-shadow:4px 4px 4px  
4px #5243A8 }
```

Background

The CSS property to change the background color of an element to Hex 5243A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5243A8 }
```

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

```
.background{ background-color:#5243A8 }
```

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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