

Converting Colors

Hex(5442A4)

Have a look what the booklet for
Hex(5442A4) contains.

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Color

Hex(5442A4)

Conversions

Conversions Part 1

Format	Color
Hex	5442A4
RGB	84, 66, 164
RGB Percent	33%, 26%, 64%
CMY	0.6706, 0.7412, 0.3569
CMYK	0.49, 0.60, 0.00, 0.36
HSL	251°, 43%, 45%
HSV	251°, 60%, 64%
XYZ	12.3052, 8.4616, 36.1067
YIQ	82.5540, -20.7300, 34.2940

Conversions

Conversions Part 2

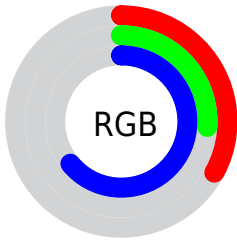
Format	Color
RYB	84, 66, 164
Decimal	5522084
CIELab	34.93, 33.43, -50.63
CIELCh	35, 60.671, 303.438
Yxy	8.4616, 0.2164, 0.1488
Android (android.graphics.Color)	4283712164 (0xFF5442A4)
YUV	82.5540, 40.1529, 1.2681
Hunter-Lab	29.0888, 24.6041, -53.2319

Details

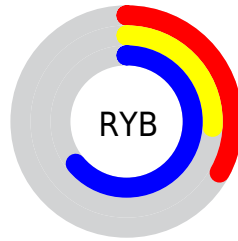
The Hex color **5442A4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **92A442**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8B73DC**, and **18156F** is the 20% darker color. If you saturate the color by 10%, you get **4732A4**, and if you desaturate by 10%, it is **6152A4**.

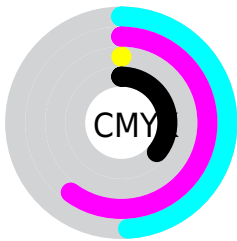
Distribution



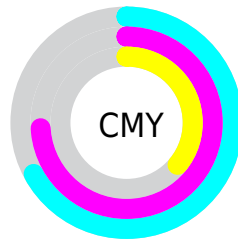
- Red (33%)
- Green (26%)
- Blue (64%)



- Red (33%)
- Yellow (26%)
- Blue (64%)



- Cyan (49%)
- Magenta (60%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5442A4 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 5442A4 by changing the saturation by 10% instead.

■ 5442A4

■ 5442A4

FFFFFF

■ 382B89

■ 8B73DC

■ 18156F

■ A78CF9

■ 000056

■ C4A7FF

■ 00003E

■ E1C2FF

■ 000327

■ FEDEFF

■ 000111

■ FFFBFF

■ 000000

■ 5442A4

■ 5442A4

■ 4732A4

■ 6152A4

■ 3921A4

■ 6F63A4

■ 2C11A4

■ 7C73A4

■ 1E00A4

■ 8A84A4

■ 9794A4

■ A4A4A4

■ B2B5A4

■ BFC5A4

■ CCD6A4

Harmonies

Analogous

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



0057B4



5442A4



8E227E

Triad

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



5442A4



863E00



006657

Complementary

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



5442A4



92A442

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.



006423



5442A4



605200

Square

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



5442A4



9F2020



2C5E00



006687

Rectangle

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



5442A4



A0075F



2C5E00



006646

Sweetspot

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



5442A4



B7B0D6



4292A4



58546B



EBEBEB



6B6B6B

Same Dimension

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



5442A4



583CD6



8542A4



4B4952



1B0091



030012

Inverse Universe

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



A44292



D63CBA



61A442



524950



910077



12000F

Previews

White Background



This preview shows how the Hex color 5442A4 looks on a white background.

Color Contrast Check

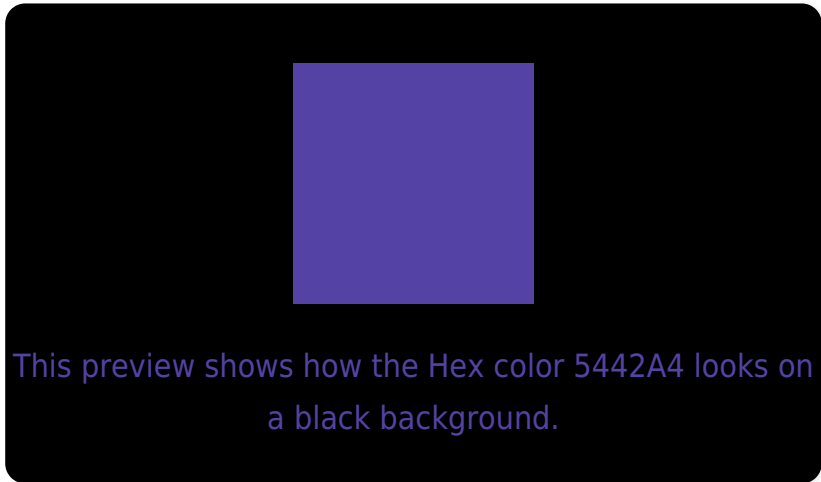
Large Text (above 18pt) WCAG AA ✓ Pass

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

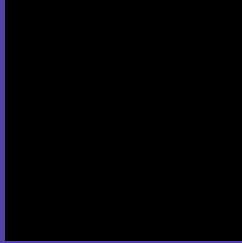
Any Text WCAG AA × Fail

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 5442A4 Background



This preview shows how black text looks on a background with the Hex color 5442A4.

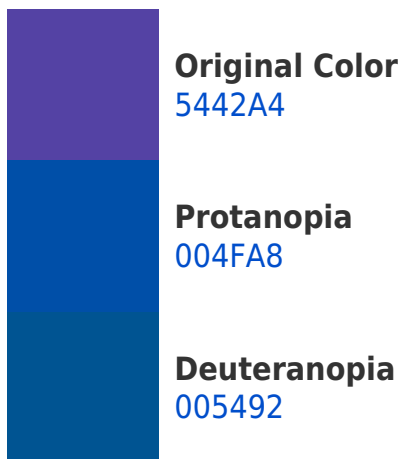


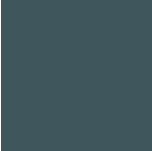
This preview shows how white text looks on a background with the Hex color 5442A4.

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
3F565D

Trichromacy



Original Color
5442A4

Protanomaly
1F4AA7

Deuteranomaly
1F4D99

Tritanomaly
474F77

Monochromacy



Original Color
5442A4

Achromatopsia
535353

Achromatomaly
534D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 5442A4 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 #5442A4 looks like.

```
.text, #text, p{  
    color:#5442A4  
}
```

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 #5442A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5442A4  
}
```

Border

The CSS property to change the border of an element to Hex 5442A4 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".

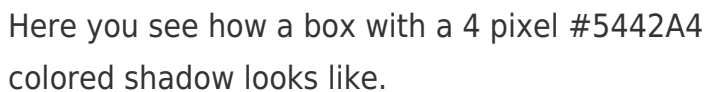
```
.border, #border, table{ border:4px solid  
#5442A4 }
```

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

```
.border{ border-color:#5442A4 }
```

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

Here you see how a box with a 4 pixel #5442A4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5442A4; -webkit-box-shadow:4px 4px  
4px 4px #5442A4; box-shadow:4px 4px 4px  
4px #5442A4 }
```

Background

The CSS property to change the background color of an element to Hex 5442A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5442A4 }
```

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

```
.background{ background-color:#5442A4 }
```

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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