

Converting Colors

Hex(5453AC)

Have a look what the booklet for
Hex(5453AC) contains.

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Color

Hex(5453AC)

Conversions

Conversions Part 1

Format	Color
Hex	5453AC
RGB	84, 83, 172
RGB Percent	33%, 33%, 67%
CMY	0.6706, 0.6745, 0.3255
CMYK	0.51, 0.52, 0.00, 0.33
HSL	241°, 35%, 50%
HSV	241°, 52%, 67%
XYZ	14.1958, 11.0499, 40.4144
YIQ	93.4450, -27.9730, 27.8910

Conversions

Conversions Part 2

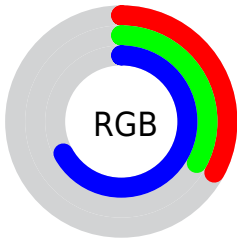
Format	Color
R_{YB}	84, 83, 172
Decimal	5526444
CIE _{Lab}	39.66, 25.35, -47.76
CIE _{LCh}	40, 54.071, 297.960
Yxy	11.0499, 0.2162, 0.1683
Android (android.graphics.Color)	4283716524 (0xFF5453AC)
YUV	93.4450, 38.7276, -8.2833
Hunter-Lab	33.2414, 18.0564, -48.8149

Details

The Hex color **5453AC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ABAC53**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8B84E4**, and **172677** is the 20% darker color. If you saturate the color by 10%, you get **4342AC**, and if you desaturate by 10%, it is **6564AC**.

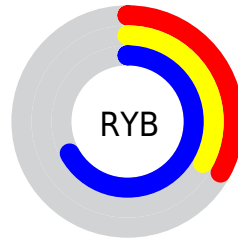
Distribution



Red (33%)

Green (33%)

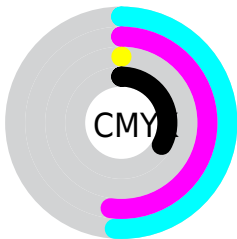
Blue (67%)



Red (33%)

Yellow (33%)

Blue (67%)

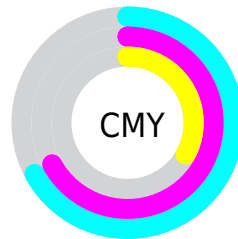


Cyan (51%)

Magenta (52%)

Yellow (0%)

Black (33%)



Cyan (67%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5453AC 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 5453AC by changing the saturation by 10% instead.

■ 5453AC

■ 5453AC

FFFFFF

■ 383C91

■ 8B84E4

■ 172677

■ A79FFF

■ 00125E

■ C4BAFF

■ 000046

■ E1D5FF

■ 00042E

■ FEF2FF

■ 000118

■ 000000

■ 5453AC

■ 5453AC

■ 4342AC

■ 6564AC

■ 3231AC

■ 7675AC

■ 211FAC

■ 8787AC

■ 100EAC

■ 9898AC

■ 0200AC

■ A9A9AC

■ BABAAC

■ CBCBAC

■ DCDDAC

■ EDEEAC

Harmonies

Analogous

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



0064B6



5453AC



8F3D8D

Triad

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



5453AC



95480C



007159

Complementary

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



5453AC



ABAC53

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.



006E2B



5453AC



745B00

Square

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



5453AC



A83437



496700



007186

Rectangle

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



5453AC



A33071



496700



00704A

Sweetspot

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



5453AC



BDBCE0



53ACAC



5B5B70



F0F0F0



707070

Same Dimension

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



5453AC



5755E0



8053AC



4E4E57



020096



000017

Inverse Universe

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



AC53AB



E055DF



80AC53



574E57



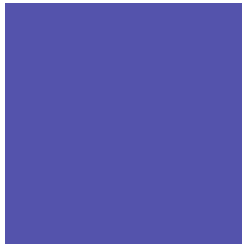
960095



170017

Previews

White Background



This preview shows how the Hex color 5453AC looks on a white background.

Color Contrast Check

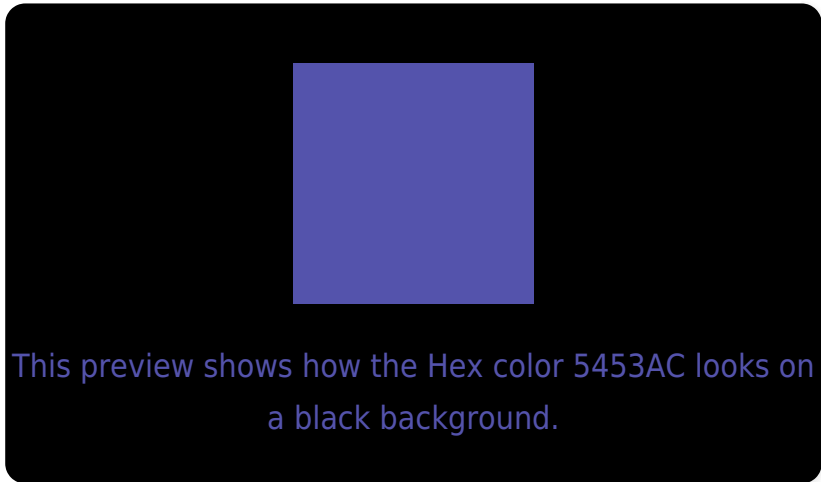
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

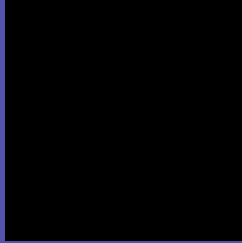
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5453AC Background



This preview shows how black text looks on a background with the Hex color 5453AC.

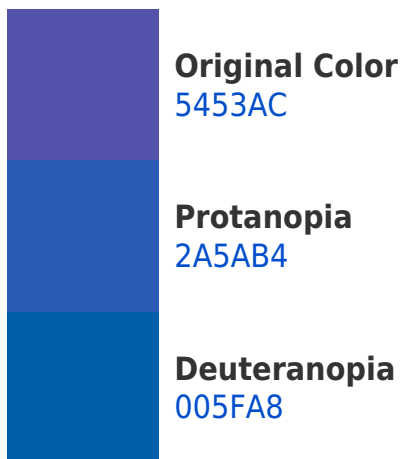



This preview shows how white text looks on a background with the Hex color 5453AC.

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](#).

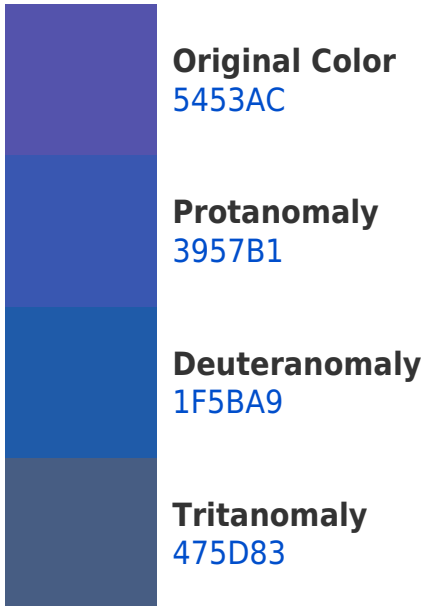
Dichromacy



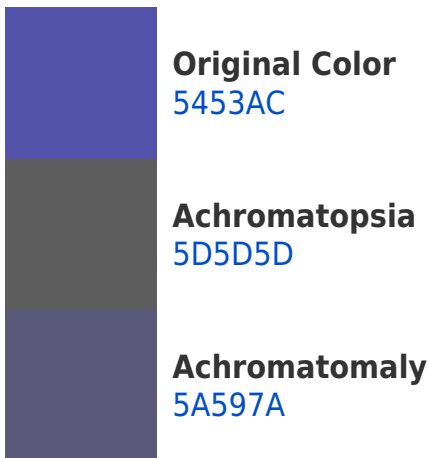


Tritanopia
3F636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5453AC 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 #5453AC looks like.

```
.text, #text, p{  
    color:#5453AC  
}
```

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 #5453AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5453AC
}
```

Border

The CSS property to change the border of an element to Hex 5453AC 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".

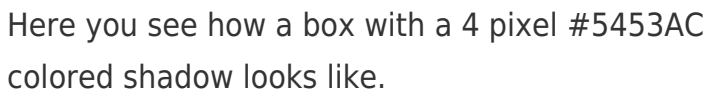
```
.border, #border, table{ border:4px solid
#5453AC }
```

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

```
.border{ border-color:#5453AC }
```

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

Here you see how a box with a 4 pixel #5453AC 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 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5453AC; -webkit-box-shadow:4px 4px  
4px 4px #5453AC; box-shadow:4px 4px 4px  
4px #5453AC }
```

Background

The CSS property to change the background color of an element to Hex 5453AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5453AC }
```

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

```
.background{ background-color:#5453AC }
```

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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