

Converting Colors

Hex(5842C4)

Have a look what the booklet for
Hex(5842C4) contains.

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Color

Hex(5842C4)

Conversions

Conversions Part 1

Format	Color
Hex	5842C4
RGB	88, 66, 196
RGB Percent	35%, 26%, 77%
CMY	0.6549, 0.7412, 0.2314
CMYK	0.55, 0.66, 0.00, 0.23
HSL	250°, 52%, 51%
HSV	250°, 66%, 77%
XYZ	15.9365, 9.9567, 53.3064
YIQ	87.3980, -28.6180, 45.0940

Conversions

Conversions Part 2

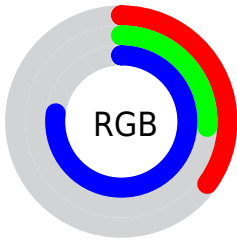
Format	Color
R_{YB}	88, 66, 196
Decimal	5784260
CIE _{Lab}	37.76, 43.97, -64.93
CIE _{LCh}	38, 78.417, 304.104
Yxy	9.9567, 0.2012, 0.1257
Android (android.graphics.Color)	4283974340 (0xFF5842C4)
YUV	87.3980, 53.5408, 0.5280
Hunter-Lab	31.5542, 34.9321, -78.0744

Details

The Hex color **5842C4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **AEC442**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9374FE**, and **0A138D** is the 20% darker color. If you saturate the color by 10%, you get **482EC4**, and if you desaturate by 10%, it is **6856C4**.

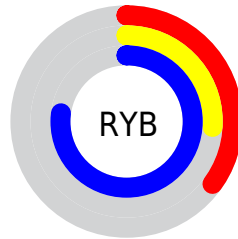
Distribution



Red (35%)

Green (26%)

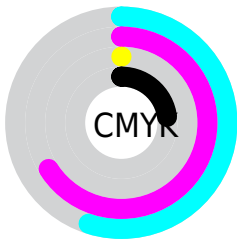
Blue (77%)



Red (35%)

Yellow (26%)

Blue (77%)

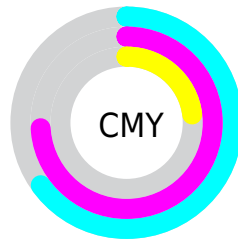


Cyan (55%)

Magenta (66%)

Yellow (0%)

Black (23%)



Cyan (65%)

Magenta (74%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5842C4 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 5842C4 by changing the saturation by 10% instead.

■ 5842C4

■ 5842C4

FFFFFF

■ 382AA8

■ 9374FE

■ 0A138D

■ B08EFF

■ 000073

■ CEA8FF

■ 000059

■ ECC4FF

■ 000741

■ FFE0FF

■ 00032A

■ FFFDFF

■ 000114

■ 000000

■ 5842C4

■ 5842C4

■ 482EC4

■ 6856C4

■ 371BC4

■ 7969C4

■ 2707C4

■ 897DC4

■ 2100C4

■ 9990C4

■ A9A4C4

■ BAB8C4

■ CACBC4

■ DADFC4

■ EBF2C4

Harmonies

Analogous

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



0060DA



5842C4



A70092

Triad

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



5842C4



973E00



007160

Complementary

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



5842C4



AEC442

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.



006E1A



5842C4



665A00

Square

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



5842C4



B90015



1A6800



00729F

Rectangle

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



5842C4



BD0068



1A6800



00704A

Sweetspot

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



5842C4



D5CCFF



42AEC4



666180



000000



808080

Same Dimension

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



5842C4



5633FF



9942C4



595761



1B00A1



060021

Inverse Universe

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



C442AE



FF33DC



6DC442



61575F



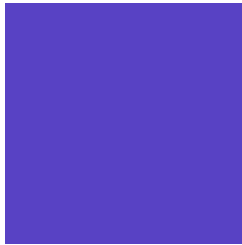
A10085



21001C

Previews

White Background



This preview shows how the Hex color 5842C4 looks on a white background.

Color Contrast Check

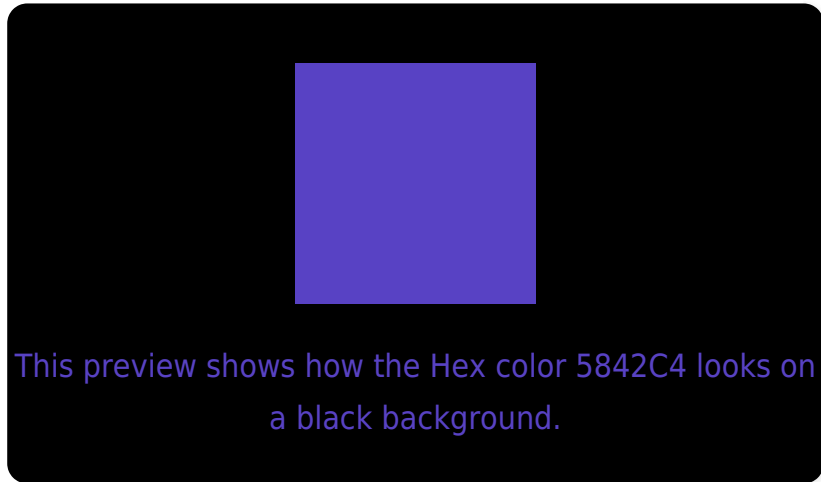
Large Text (above 18pt) WCAG AA ✓ Pass

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

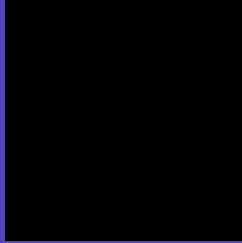
Any Text WCAG AA × Fail

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 5842C4 Background



This preview shows how black text looks on a background with the Hex color 5842C4.

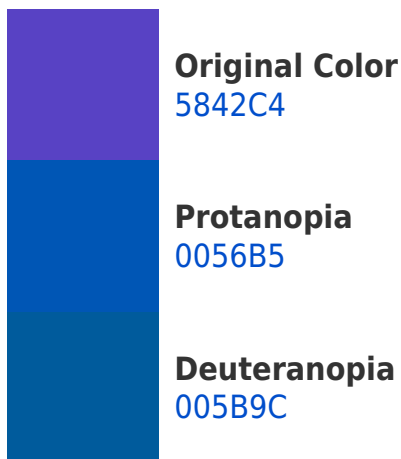


This preview shows how white text looks on a background with the Hex color 5842C4.

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
375F67

Trichromacy



Original Color
5842C4

Protanomaly
204FBA

Deuteranomaly
2052AB

Tritanomaly
435489

Monochromacy



Original Color
5842C4

Achromatopsia
575757

Achromatomaly
574F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5842C4 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 #5842C4 looks like.

```
.text, #text, p{  
    color:#5842C4  
}
```

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 #5842C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5842C4
}
```

Border

The CSS property to change the border of an element to Hex 5842C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

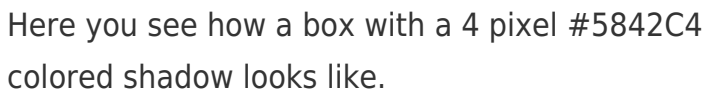
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5842C4 }
```

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

```
.border{ border-color:#5842C4 }
```

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



Here you see how a box with a 4 pixel #5842C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5842C4; -webkit-box-shadow:4px 4px  
4px 4px #5842C4; box-shadow:4px 4px 4px  
4px #5842C4 }
```

Background

The CSS property to change the background color of an element to Hex 5842C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5842C4 }
```

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

```
.background{ background-color:#5842C4 }
```

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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